

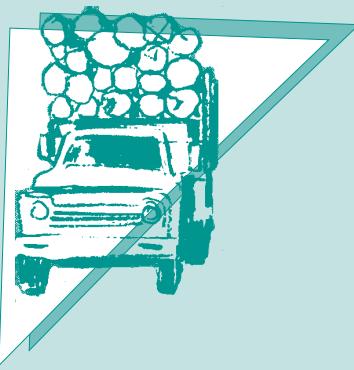
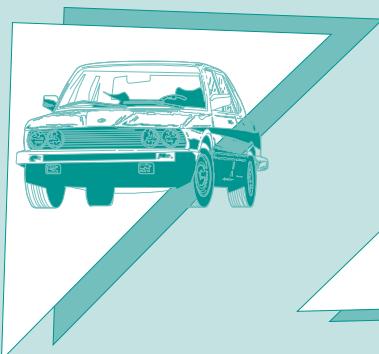
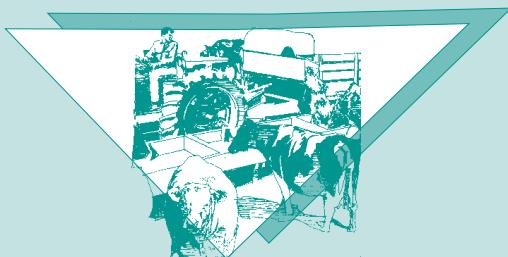
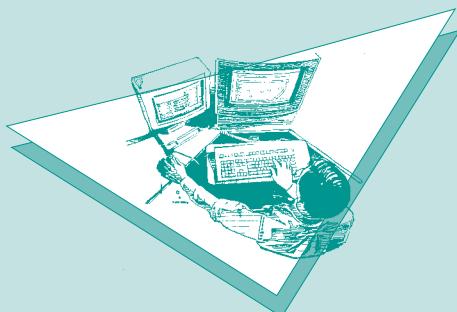
Annual Benchmark Report for Wholesale Trade: January 1992 Through February 2002

*A Detailed Summary for Wholesale Sales,
Inventories, and Purchases*

Issued May 2002

BW/01-A

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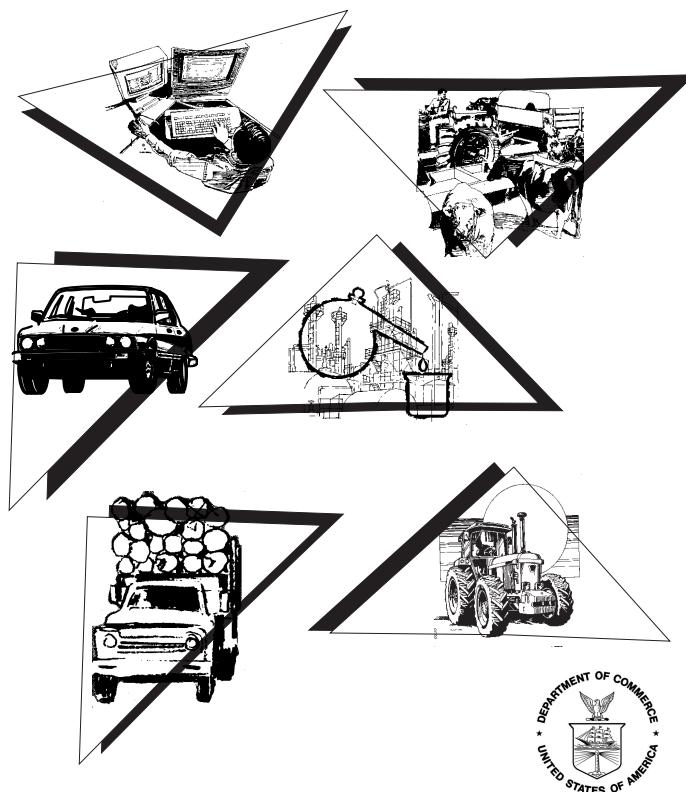
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Annual Benchmark Report for Wholesale Trade: January 1992 Through February 2002

INTRODUCTION

The U.S. Census Bureau produces the Annual Benchmark Report for Wholesale Trade to provide national estimates by kind of business of monthly and annual sales and end-of-month non-LIFO (last-in, first-out) inventories for merchant wholesale establishments. Estimates of annual purchases and gross margin are also provided.

We develop the estimates in this report using data from the Annual Wholesale Trade Survey (AWTS), Monthly Wholesale Trade Survey (MWTS), and administrative records. For each survey, questionnaires are mailed to a probability sample of firms located in the United States and having paid employees. The samples are updated regularly and periodically reselected. These samples include firms of all sizes. Additional information on AWTS and MWTS can be found on the Census Bureau Web site at: www.census.gov/econ/www/retmenu.html#WHOL

COVERAGE

The estimates in this publication are summarized by kind-of-business classification based on the *1997 North American Industry Classification System* (NAICS). NAICS groups establishments into industries based on the activities in which they are primarily engaged. This system was developed by the joint efforts of statistical agencies in Canada, Mexico, and the United States. The common industry definitions allow for statistics to be compared by business activity across North America.

Wholesale trade, as defined by NAICS Sector 42, includes establishments organized to sell or arrange the purchase or sale of 1) goods to other wholesalers or retailers, 2) capital or durable nonconsumer goods, and 3) raw and intermediate materials and supplies used in production.

MWTS and AWTS cover merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, drop shippers, and import/export merchants. Manufacturers' sales branches of ferrous metals service centers with inventories, which are classified as Metal Service Centers and Offices (NAICS 421510), are also included.

New samples were introduced with the 1999 Annual Wholesale Trade Survey (AWTS) and with the March 2001 Monthly Wholesale Trade Survey (MWTS). The new samples were designed to produce NAICS-based estimates and replace the samples designed to produce SIC-based estimates.

Detailed information about NAICS and a comparison of the SIC and NAICS systems can be found on the Census Bureau Web site at:

www.census.gov/epcd/www/naics.html

A summary of changes from the prior benchmark report and the procedures for producing the revised estimates are described below.

SUMMARY OF CHANGES

Unadjusted estimates of monthly sales were revised for January 1998 through February 2002. The revised, unadjusted sales estimates reflect results from the 1999 and 2000 annual surveys. Unadjusted estimates of end-of-month inventories were also revised for January 1992 through February 2002. The revised, unadjusted end-of-month inventory estimates reflect revised end-of-year inventory estimates for the years 1992 through 2000. We derived revised annual purchases and gross margin estimates for the years 1992 through 1999, and new purchases and gross margin estimates for 2000.

New seasonal and trading-day adjustment factors were computed and used to adjust sales for January 1995 through February 2002. Adjusted estimates were derived beginning January 1995 instead of January 1998 because the revised 1998 unadjusted estimates can significantly affect the computation of seasonal factors as far back as 1995. New seasonal adjustment factors were computed and used to adjust inventories for January 1992 through February 2002. Factors for both sales and inventories were developed by using unadjusted estimates as input to the seasonal adjustment program.

The revision procedures were applied to specific detailed sales and inventory series. All other sales and inventory series were obtained by summing appropriate detail level estimates, thereby assuring additivity.

REVISIONS TO PREVIOUSLY PUBLISHED ESTIMATES

Annual Estimates

Sales, end-of-year inventories, and purchases for 2000 were estimated from the 2000 AWTS. For 1999, revisions were applied to the previously published estimates of sales, end-of-year inventories, and purchases. There were no revisions to the previously published 1998 annual sales

estimates.¹ However, the 1998 inventory estimates were revised by using inventory-to-sales ratios estimated from 1998 data collected from the 1999 AWTS NAICS-based sample. The revised 1998 inventory estimates were derived by multiplying each revised 1998 inventory-to-sales ratio from the 1999 AWTS by the previously published 1998 annual sales estimates. Revised 1992 through 1997 end-of-year inventory estimates were derived by multiplying each previously published inventory estimates by the ratio of the revised-to-previously published 1998 inventory estimates. Purchases were revised in a similar manner.

Estimates of Monthly Sales

For December 1997 through February 2002, merchant wholesale sales estimates were input to the benchmarking program. The December 1997 through February 2002 estimates were developed by restating the SIC-based estimates to a NAICS basis. Estimates from March 2001 through February 2002 were derived from the NAICS-based sample. For selected kinds of business corrections were applied to estimates. The estimates were revised in a manner that—

- constrained the sum of the 12 monthly sales estimates for a particular year to equal the corresponding annual sales estimates (benchmarks) derived for the years 1998 through 2000.
- minimized the differences between the month-to-month changes of the input and revised estimates.
- used the previously published December 1997 estimate to link the revised estimates to the previously published estimates.

¹The annual sales estimates for 1998 and prior years were developed by restating the SIC-based estimates to NAICS-based estimates.

Revision of Annual Sales and Inventories: 2001

(Revisions to detailed kinds of business are not shown in this table)

Kind of business	Sales (millions of dollars)			End-of-year inventories (millions of dollars)		
	Revised	Previously published	Percent difference	Revised	Previously published	Percent difference
Merchant wholesalers, total.....	2,715,755	2,728,344	-0.5	289,050	288,899	0.1
Durable goods, total	1,371,270	1,376,727	-0.4	170,916	170,950	0.0
Nondurable goods total	1,344,485	1,351,617	-0.5	118,134	117,949	0.2

A mathematical result of the benchmarking methodology is that all input estimates following the end of the last benchmark year (2000) are derived by multiplying these estimates by the ratio of benchmarked-to-input estimate for the last month of the last benchmark year. Therefore, for a specified sales series, a ratio of the December 2000 benchmarked estimate to the December 2000 input estimate was computed. Estimates for periods following December 2000 were multiplied by these constant ratios (called carry-forward factors) to derive published sales estimates. The carry-forward factors remain constant until the next benchmarking operation.

Estimates of End-of-Month Inventories

For January 1992 through February 2002, merchant wholesale end-of-month inventory estimates were input to the benchmarking program. The January 1992 through February 2002 estimates were developed by restating the SIC-based estimates on a NAICS basis. Estimates from March 2001 through February 2002 were derived from the NAICS-based sample. For selected kinds of business, corrections were applied to estimates. The estimates were revised in a manner that—

- constrained the December inventory estimates for 1992 through 2000 (derived from the monthly survey) to the December inventory estimates derived from the annual survey.
- minimized the differences between the month-to-month changes of the input and revised estimates.

Estimates subsequent to December 2000 were derived by multiplying the input estimates by the ratio of the December 2000 published estimate to the input estimate for December 2000. This ratio is the carry-forward factor for inventory and remains constant for all series until the next benchmarking operation.

The table shown below compares the annual unadjusted sales and inventory estimates for 2001 prior to and after the revision. Revisions shown are for the sum of the monthly estimates for 2001.

DEFINITION OF TERMS

Dollar Values

All dollar values presented are expressed in current dollars (not adjusted to a constant dollar series). Consequently, when comparing estimates to prior years, users also should consider price level changes.

Confidentiality

Title 13 of the United States Code authorizes the Census Bureau to conduct censuses and surveys. Section 9 of the same Title requires that any information collected from the public under the authority of Title 13 be maintained as confidential. Section 214 of Title 13 and Sections 3559 and 3571 of Title 18 of the United States Code provide for the imposition of penalties of up to five years in prison and up to \$250,000 in fines for wrongful disclosure of confidential census information. In accordance with Title 13, no estimates are published that would disclose the operations of an individual firm.

The Census Bureau's internal Disclosure Review Board sets the confidentiality rules for all data releases. A checklist approach is used to ensure that all potential risks to the confidentiality of the data are considered and addressed.

Disclosure Limitation

A disclosure of data occurs when an individual can use published statistical information to identify either an individual or firm that has provided information under a pledge of confidentiality. Disclosure limitation is the process used to protect the confidentiality of the survey data

provided by an individual or firm. Using disclosure limitation procedures, the Census Bureau modifies or removes the characteristics that put confidential information at risk for disclosure. Although it may appear that a table shows information about a specific individual or business, the Census Bureau has taken steps to disguise or suppress the original data while making sure the results are still useful. The techniques used by the Census Bureau to protect confidentiality in tabulations vary, depending on the type of data.

Unpublished Estimates

Additional statistics, such as dollar volume estimates for some kinds of business not separately shown in this report, are produced as a byproduct of the regularly published statistics. These additional estimates have not been included in this publication because of high sampling variability, poor response, or other factors that may make them potentially misleading. Upon written request, for a nominal fee the Census Bureau will release these estimates for individual use, though not for publication. It should be noted that some unpublished estimates can be derived directly from this report by subtracting published estimates from their respective totals. However, the estimates obtained by such subtraction would be subject to the poor response rates or high sampling variability described previously for unpublished kinds of business.

Individuals who use estimates in this report to create new estimates should cite the Census Bureau as the source of only the original estimates.

Detailed Tables

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	2002											
		Jan.	Feb. ^b	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED^a												
	Sales, total	223,023	224,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
421	Durable goods	111,613	112,578	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4211	Motor vehicle & motor vehicle parts & supplies	17,240	17,614	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4212	Furniture & home furnishings	3,569	3,488	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4213	Lumber & other construction materials	6,670	6,945	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4214	Professional & commercial equip. & supplies	21,486	21,330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
42143	Computer & computer peripheral equip. & software	11,505	11,240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4215	Metals & minerals, ex. petroleum	7,125	7,005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4216	Electrical goods	17,233	17,421	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4217	Hardware, & plumbing & heating equip. & supplies	5,410	5,479	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4218	Machinery, equipment, & supplies	19,764	19,883	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4219	Miscellaneous durable goods	13,116	13,413	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
422	Nondurable goods	111,410	112,222	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4221	Paper & paper products	6,189	6,178	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4222	Drugs & druggists' sundries	17,468	17,907	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4223	Apparel, piece goods, & notions	6,626	6,774	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4224	Groceries & related products	34,536	35,083	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4225	Farm product raw materials	8,547	8,468	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4226	Chemicals & allied products	4,934	4,982	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4227	Petroleum & petroleum products	12,653	12,229	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4228	Beer, wine, & distilled alcoholic beverages	6,202	6,363	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4229	Miscellaneous nondurable goods	14,255	14,238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Inventories, total	286,994	285,017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
421	Durable goods	173,068	171,429	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4211	Motor vehicle & motor vehicle parts & supplies	23,686	23,395	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4212	Furniture & home furnishings	5,303	5,316	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4213	Lumber & other construction materials	6,725	6,708	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4214	Professional & commercial equip. & supplies	22,941	22,655	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
42143	Computer & computer peripheral equip. & software	7,966	8,023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4215	Metals & minerals, ex. petroleum	12,177	12,136	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4216	Electrical goods	23,834	23,604	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4217	Hardware, & plumbing & heating equip. & supplies	10,306	10,214	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4218	Machinery, equipment, & supplies	47,832	47,231	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4219	Miscellaneous durable goods	20,264	20,170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
422	Nondurable goods	113,926	113,588	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4221	Paper & paper products	6,243	6,180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4222	Drugs & druggists' sundries	28,025	28,062	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4223	Apparel, piece goods, & notions	12,761	12,606	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4224	Groceries & related products	21,392	21,307	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4225	Farm product raw materials	9,977	10,113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4226	Chemicals & allied products	6,126	6,115	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4227	Petroleum & petroleum products	4,632	4,623	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4228	Beer, wine, & distilled alcoholic beverages	6,567	6,568	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4229	Miscellaneous nondurable goods	18,203	18,014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Inventories/sales ratios, total ..	1.29	1.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
421	Durable goods	1.55	1.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4211	Motor vehicle & motor vehicle parts & supplies	1.37	1.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4212	Furniture & home furnishings	1.49	1.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4213	Lumber & other construction materials	1.01	0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4214	Professional & commercial equip. & supplies	1.07	1.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
42143	Computer & computer peripheral equip. & software	0.69	0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4215	Metals & minerals, ex. petroleum	1.71	1.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4216	Electrical goods	1.38	1.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4217	Hardware, & plumbing & heating equip. & supplies	1.90	1.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4218	Machinery, equipment, & supplies	2.42	2.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4219	Miscellaneous durable goods	1.54	1.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
422	Nondurable goods	1.02	1.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4221	Paper & paper products	1.01	1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4222	Drugs & druggists' sundries	1.60	1.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4223	Apparel, piece goods, & notions	1.93	1.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4224	Groceries & related products	0.62	0.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4225	Farm product raw materials	1.17	1.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4226	Chemicals & allied products	1.24	1.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4227	Petroleum & petroleum products	0.37	0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4228	Beer, wine, & distilled alcoholic beverages	1.06	1.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4229	Miscellaneous nondurable goods	1.28	1.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	2002												Total
		Jan.	Feb. ^b	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	215,493	205,741	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
421	Durable goods	104,947	102,196	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4211	Motor vehicle & motor vehicle parts & supplies	15,895	15,888	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4212	Furniture & home furnishings	3,305	3,129	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4213	Lumber & other construction materials	5,943	5,945	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4214	Professional & commercial equip. & supplies	20,304	19,112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
42143	Computer & computer peripheral equip. & software	10,861	9,902	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4215	Metals & minerals, ex. petroleum	7,154	6,592	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4216	Electrical goods	16,440	15,940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4217	Hardware, & plumbing & heating equip. & supplies	5,156	5,030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4218	Machinery, equipment, & supplies	18,618	18,153	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4219	Miscellaneous durable goods	12,132	12,407	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
422	Nondurable goods	110,546	103,545	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4221	Paper & paper products	6,214	5,653	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4222	Drugs & druggists' sundries	18,569	16,725	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4223	Apparel, piece goods, & notions	6,447	7,004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4224	Groceries & related products	33,327	31,645	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4225	Farm product raw materials	9,564	8,214	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4226	Chemicals & allied products	4,954	4,703	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4227	Petroleum & petroleum products	12,919	11,422	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4228	Beer, wine, & distilled alcoholic beverages	5,067	5,294	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4229	Miscellaneous nondurable goods	13,485	12,885	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Inventories, total	290,493	285,736	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
421	Durable goods	171,764	170,865	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4211	Motor vehicle & motor vehicle parts & supplies	23,923	24,167	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4212	Furniture & home furnishings	5,197	5,183	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4213	Lumber & other construction materials	6,624	6,681	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4214	Professional & commercial equip. & supplies	23,056	22,587	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
42143	Computer & computer peripheral equip. & software	8,046	8,047	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4215	Metals & minerals, ex. petroleum	12,153	12,087	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4216	Electrical goods	23,762	23,415	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4217	Hardware, & plumbing & heating equip. & supplies	10,162	10,153	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4218	Machinery, equipment, & supplies	46,684	46,523	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4219	Miscellaneous durable goods	20,203	20,069	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
422	Nondurable goods	118,729	114,871	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4221	Paper & paper products	6,231	6,069	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4222	Drugs & druggists' sundries	29,650	27,501	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4223	Apparel, piece goods, & notions	13,157	12,581	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4224	Groceries & related products	21,328	20,860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4225	Farm product raw materials	12,371	11,681	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4226	Chemicals & allied products	6,059	6,097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4227	Petroleum & petroleum products	4,632	4,605	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4228	Beer, wine, & distilled alcoholic beverages	6,206	6,364	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4229	Miscellaneous nondurable goods	19,095	19,113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
	Inventories/sales ratios, total ..	1.35	1.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
421	Durable goods	1.64	1.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4211	Motor vehicle & motor vehicle parts & supplies	1.51	1.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4212	Furniture & home furnishings	1.57	1.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4213	Lumber & other construction materials	1.11	1.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4214	Professional & commercial equip. & supplies	1.14	1.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
42143	Computer & computer peripheral equip. & software	0.74	0.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4215	Metals & minerals, ex. petroleum	1.70	1.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4216	Electrical goods	1.45	1.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4217	Hardware, & plumbing & heating equip. & supplies	1.97	2.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4218	Machinery, equipment, & supplies	2.51	2.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4219	Miscellaneous durable goods	1.67	1.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
422	Nondurable goods	1.07	1.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4221	Paper & paper products	1.00	1.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4222	Drugs & druggists' sundries	1.60	1.64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4223	Apparel, piece goods, & notions	2.04	1.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4224	Groceries & related products	0.64	0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4225	Farm product raw materials	1.29	1.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4226	Chemicals & allied products	1.22	1.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4227	Petroleum & petroleum products	0.36	0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4228	Beer, wine, & distilled alcoholic beverages	1.22	1.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X
4229	Miscellaneous nondurable goods	1.42	1.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	2001											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	232,529	231,852	228,308	228,276	227,478	224,662	225,958	227,530	225,481	221,161	222,704	220,380
421	Durable goods	117,750	117,604	116,519	115,857	115,729	114,069	114,221	114,860	112,434	110,401	112,177	110,241
4211	Motor vehicle & motor vehicle parts & supplies	16,967	16,737	16,980	17,207	17,178	17,128	17,178	17,385	16,560	17,150	17,213	16,854
4212	Furniture & home furnishings	3,800	3,805	3,785	3,689	3,615	3,626	3,590	3,606	3,474	3,540	3,538	3,462
4213	Lumber & other construction materials	5,907	5,985	5,945	6,045	6,170	6,021	6,109	6,210	6,181	6,241	6,291	6,410
4214	Professional & commercial equip. & supplies	22,625	22,805	22,334	22,600	23,051	22,399	22,449	21,826	21,903	21,124	21,763	21,568
42143	Computer & computer peripheral equip. & software	13,019	12,867	12,384	12,269	12,813	12,430	12,061	11,744	12,026	11,517	11,500	11,665
4215	Metals & minerals, ex. petroleum	7,961	8,060	7,769	7,885	8,014	7,875	7,883	7,990	7,675	7,472	7,284	6,972
4216	Electrical goods	19,628	19,070	18,944	18,285	17,701	16,898	17,238	17,115	16,657	17,062	18,062	16,958
4217	Hardware, & plumbing & heating equip. & supplies	5,375	5,365	5,319	5,147	5,199	5,132	5,131	5,251	5,246	5,297	5,362	5,351
4218	Machinery, equipment, & supplies	21,442	21,965	21,834	21,740	21,761	21,592	21,467	22,028	21,967	19,973	20,295	20,053
4219	Miscellaneous durable goods	14,045	13,812	13,609	13,259	13,040	13,398	13,176	13,449	12,771	12,542	12,369	12,613
422	Nondurable goods	114,779	114,248	111,789	112,419	111,749	110,593	111,737	112,670	113,047	110,760	110,527	110,139
4221	Paper & paper products	6,743	6,684	6,582	6,567	6,531	6,390	6,369	6,327	5,992	6,041	6,236	6,230
4222	Drugs & druggists' sundries	15,200	15,129	15,127	15,208	15,508	15,926	15,977	16,251	16,926	17,247	17,197	17,416
4223	Apparel, piece goods, & notions	7,020	6,867	6,606	6,702	6,796	6,706	6,604	6,701	6,573	6,577	6,858	6,683
4224	Groceries & related products	32,837	33,048	33,217	33,705	33,367	33,527	33,744	33,821	33,823	33,726	33,847	33,996
4225	Farm product raw materials	9,325	9,610	9,520	9,060	8,661	8,222	8,766	9,011	8,629	8,505	8,570	8,227
4226	Chemicals & allied products	5,030	5,093	5,059	4,958	4,917	4,856	4,941	4,854	4,841	4,815	4,829	4,805
4227	Petroleum & petroleum products	17,295	16,450	15,326	15,882	15,899	14,937	14,228	14,385	15,508	13,178	12,627	12,375
4228	Beer, wine, & distilled alcoholic beverages	6,209	6,161	5,842	6,075	5,950	6,033	6,202	6,039	5,759	5,874	6,133	6,407
4229	Miscellaneous nondurable goods	15,120	15,206	14,510	14,262	14,120	13,996	14,906	15,281	14,996	14,797	14,230	14,000
	Inventories, total	303,655	303,381	302,827	302,445	302,399	301,016	297,972	297,130	295,863	292,811	289,487	288,014
421	Durable goods	194,121	193,052	191,785	190,798	188,456	185,949	183,829	181,914	180,532	179,647	176,036	174,037
4211	Motor vehicle & motor vehicle parts & supplies	25,688	25,705	25,569	25,399	24,906	24,780	24,746	24,231	24,691	25,098	24,295	23,983
4212	Furniture & home furnishings	5,944	5,889	5,874	5,796	5,718	5,567	5,543	5,457	5,505	5,444	5,442	5,377
4213	Lumber & other construction materials	6,672	6,660	6,636	6,539	6,532	6,492	6,566	6,681	6,720	6,834	6,758	6,715
4214	Professional & commercial equip. & supplies	27,054	26,958	26,330	26,514	25,896	25,531	25,334	25,213	24,387	23,811	23,087	23,009
42143	Computer & computer peripheral equip. & software	11,067	10,783	10,590	10,633	10,295	9,691	9,683	9,444	8,968	8,667	8,337	8,014
4215	Metals & minerals, ex. petroleum	14,238	14,015	13,746	13,558	13,428	13,263	13,129	13,072	12,823	12,701	12,457	12,357
4216	Electrical goods	29,975	29,577	29,627	29,686	28,844	28,095	26,970	26,483	26,220	25,985	24,965	24,193
4217	Hardware, & plumbing & heating equip. & supplies	10,634	10,619	10,607	10,452	10,350	10,354	10,394	10,465	10,477	10,381	10,301	10,274
4218	Machinery, equipment, & supplies	50,549	50,819	50,825	50,347	50,625	50,256	49,903	49,341	49,095	48,789	48,135	47,821
4219	Miscellaneous durable goods	23,367	22,810	22,571	22,507	22,157	21,611	21,244	20,971	20,614	20,604	20,596	20,308
422	Nondurable goods	109,534	110,329	111,042	111,647	113,943	115,067	114,143	115,216	115,331	113,164	113,451	113,977
4221	Paper & paper products	6,961	7,145	6,902	6,903	6,976	6,786	6,645	6,553	6,516	6,453	6,387	6,305
4222	Drugs & druggists' sundries	22,086	22,012	23,035	23,362	24,554	25,111	24,917	25,767	27,057	26,675	27,450	28,140
4223	Apparel, piece goods, & notions	12,844	13,188	13,330	13,463	13,715	13,896	13,533	13,516	13,383	13,280	13,020	12,806
4224	Groceries & related products	21,723	21,670	21,613	21,453	21,620	21,808	21,406	21,534	20,900	21,019	21,335	21,019
4225	Farm product raw materials	10,778	10,835	10,541	10,442	10,694	10,708	10,889	10,925	10,563	9,694	9,900	9,930
4226	Chemicals & allied products	5,951	5,870	6,028	6,207	6,149	6,167	6,145	6,072	6,187	6,229	6,144	6,122
4227	Petroleum & petroleum products	4,229	4,273	4,235	4,162	4,188	4,188	4,264	4,155	4,121	4,202	4,252	4,414
4228	Beer, wine, & distilled alcoholic beverages	6,528	6,445	6,388	6,410	6,412	6,520	6,401	6,400	6,423	6,385	6,292	6,445
4229	Miscellaneous nondurable goods	18,434	18,891	18,970	19,245	19,635	19,883	19,943	19,960	19,547	19,346	18,987	18,480
	Inventories/sales ratios, total	1.31	1.31	1.33	1.32	1.33	1.34	1.32	1.31	1.31	1.32	1.30	1.31
421	Durable goods	1.65	1.64	1.65	1.65	1.63	1.63	1.61	1.58	1.61	1.63	1.57	1.58
4211	Motor vehicle & motor vehicle parts & supplies	1.51	1.54	1.51	1.48	1.45	1.45	1.44	1.39	1.49	1.46	1.41	1.42
4212	Furniture & home furnishings	1.56	1.55	1.55	1.57	1.58	1.54	1.54	1.51	1.58	1.54	1.54	1.55
4213	Lumber & other construction materials	1.13	1.11	1.12	1.08	1.06	1.08	1.07	1.08	1.09	1.10	1.07	1.05
4214	Professional & commercial equip. & supplies	1.20	1.18	1.18	1.17	1.12	1.14	1.13	1.16	1.11	1.13	1.06	1.07
42143	Computer & computer peripheral equip. & software	0.85	0.84	0.86	0.87	0.80	0.78	0.80	0.80	0.75	0.75	0.72	0.69
4215	Metals & minerals, ex. petroleum	1.79	1.74	1.77	1.72	1.68	1.68	1.67	1.64	1.67	1.70	1.71	1.77
4216	Electrical goods	1.53	1.55	1.56	1.62	1.63	1.66	1.56	1.55	1.57	1.52	1.38	1.43
4217	Hardware, & plumbing & heating equip. & supplies	1.98	1.98	1.99	2.03	1.99	2.02	2.03	1.99	2.00	1.96	1.92	1.92
4218	Machinery, equipment, & supplies	2.36	2.31	2.33	2.32	2.33	2.32	2.32	2.24	2.23	2.44	2.37	2.38
4219	Miscellaneous durable goods	1.66	1.65	1.66	1.70	1.70	1.61	1.61	1.56	1.61	1.64	1.67	1.61
422	Nondurable goods	0.95	0.97	0.99	0.99	1.02	1.04	1.02	1.02	1.02	1.02	1.03	1.03
4221	Paper & paper products	1.03	1.07	1.05	1.05	1.07	1.06	1.04	1.04	1.09	1.07	1.02	1.01
4222	Drugs & druggists' sundries	1.45	1.45	1.52	1.54	1.58	1.58	1.56	1.59	1.60	1.55	1.60	1.62
4223	Apparel, piece goods, & notions	1.83	1.92	2.02	2.01	2.02	2.07	2.05	2.02	2.04	2.02	1.90	1.92
4224	Groceries & related products	0.66	0.66	0.65	0.64	0.65	0.65	0.63	0.65	0.64	0.62	0.62	0.63
4225	Farm product raw materials	1.16	1.13	1.11	1.15	1.23	1.30	1.24	1.21	1.22	1.14	1.16	1.21
4226	Chemicals & allied products	1.18	1.15	1.19	1.25	1.25	1.27	1.24	1.25	1.28	1.29	1.27	1.27
4227	Petroleum & petroleum products	0.24	0.26	0.28	0.26	0.26	0.28	0.30	0.29	0.27	0.32	0.34	0.36
4228	Beer, wine, & distilled alcoholic beverages	1.05	1.05	1.09	1.06	1.08	1.08	1.03	1.06	1.12	1.09	1.03	1.01
4229	Miscellaneous nondurable goods	1.22	1.24	1.31	1.35	1.39	1.42	1.34	1.31	1.30	1.31	1.33	1.32

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	2001												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
UNADJUSTED²														
	Sales, total	224,528	212,063	239,021	224,006	238,178	228,663	222,883	236,987	217,820	237,144	221,186	213,276	2,715,755
421	Durable goods	110,732	106,687	123,440	113,177	120,136	117,553	112,944	120,863	110,299	119,318	110,877	105,244	1,371,270
4211	Motor vehicle & motor vehicle parts & supplies	15,525	15,097	18,203	17,431	18,088	17,608	17,161	18,028	15,434	18,128	17,316	16,382	204,401
4212	Furniture & home furnishings	3,515	3,409	3,944	3,623	3,673	3,619	3,515	3,895	3,460	3,947	3,736	3,202	43,538
4213	Lumber & other construction materials	5,234	5,093	6,016	6,027	6,904	6,611	6,518	7,111	6,002	6,821	5,964	5,192	73,493
4214	Professional & commercial equip. & supplies	21,494	20,433	23,987	21,380	23,235	23,340	21,865	22,874	22,319	22,370	20,718	22,215	266,230
42143	Computer & computer peripheral equip. & software	12,407	11,374	13,362	11,300	12,505	13,039	11,554	12,355	12,712	12,358	10,856	12,342	146,164
4215	Metals & minerals, ex. petroleum	7,945	7,609	8,188	7,814	8,479	8,033	7,781	8,565	7,429	7,913	7,080	6,149	92,985
4216	Electrical goods	18,666	17,430	19,967	17,206	17,666	17,033	17,048	18,022	17,023	18,956	18,170	16,127	213,314
4217	Hardware, & plumbing & heating equip. & supplies	5,090	4,877	5,404	4,982	5,615	5,471	5,290	5,592	5,026	5,795	5,319	4,661	63,122
4218	Machinery, equipment, & supplies	20,370	20,032	23,428	22,131	23,306	22,413	21,038	22,843	20,605	21,291	19,686	19,271	256,414
4219	Miscellaneous durable goods	12,893	12,707	14,303	12,583	13,170	13,425	12,728	13,933	13,001	14,097	12,888	12,045	157,773
422	Nondurable goods	113,796	105,376	115,581	110,829	118,042	111,110	109,939	116,124	107,521	117,826	110,309	108,032	1,344,485
4221	Paper & paper products	6,770	6,109	6,733	6,350	6,668	6,371	6,261	6,833	5,914	6,603	6,174	5,850	76,636
4222	Drugs & druggists' sundries	16,188	14,115	15,551	14,645	15,741	15,528	15,386	16,462	16,046	18,765	17,455	17,486	193,368
4223	Apparel, piece goods, & notions	6,725	7,087	7,445	6,219	6,511	6,518	6,617	7,498	6,770	7,537	6,604	5,099	80,630
4224	Groceries & related products	31,786	29,776	34,213	33,199	35,502	33,695	34,284	35,039	32,267	35,176	33,982	33,962	402,881
4225	Farm product raw materials	10,435	9,274	9,929	8,444	8,886	7,630	7,907	8,353	7,688	9,823	9,076	8,647	106,092
4226	Chemicals & allied products	5,015	4,808	5,312	4,854	5,286	5,075	4,961	5,169	4,536	5,075	4,631	4,262	58,984
4227	Petroleum & petroleum products	17,745	15,381	15,173	15,644	16,710	14,982	14,057	15,191	14,733	13,771	12,501	12,090	177,978
4228	Beer, wine, & distilled alcoholic beverages	4,980	5,095	5,743	5,729	6,599	6,461	6,171	6,619	5,396	6,338	6,581	6,888	72,600
4229	Miscellaneous nondurable goods	14,152	13,731	15,482	15,745	16,139	14,850	14,295	14,960	14,171	14,738	13,305	13,748	175,316
	Inventories, total	307,197	304,818	303,130	303,322	300,581	298,328	296,576	292,946	292,709	295,827	292,197	289,050	X
421	Durable goods	192,782	192,673	191,262	192,241	190,018	187,034	186,534	182,628	180,116	179,358	174,817	170,916	X
4211	Motor vehicle & motor vehicle parts & supplies	25,945	26,579	26,055	25,932	25,031	24,384	24,400	23,383	24,296	25,098	24,538	23,623	X
4212	Furniture & home furnishings	5,825	5,742	5,727	5,628	5,684	5,639	5,743	5,637	5,676	5,564	5,398	5,243	X
4213	Lumber & other construction materials	6,559	6,627	6,815	6,716	6,702	6,628	6,717	6,708	6,700	6,663	6,521	6,433	X
4214	Professional & commercial equip. & supplies	27,216	26,904	25,961	26,779	25,637	25,174	25,587	25,037	24,241	24,263	23,456	22,871	X
42143	Computer & computer peripheral equip. & software	11,211	10,815	10,251	10,792	10,120	9,371	9,770	9,321	8,878	8,910	8,662	8,014	X
4215	Metals & minerals, ex. petroleum	14,238	14,001	13,719	13,531	13,441	13,343	13,339	13,190	12,797	12,561	12,258	12,443	X
4216	Electrical goods	29,915	29,400	29,005	29,389	28,786	28,320	27,644	26,986	26,456	25,959	24,965	23,758	X
4217	Hardware, & plumbing & heating equip. & supplies	10,474	10,566	10,628	10,619	10,433	10,530	10,519	10,653	10,456	10,215	10,105	10,140	X
4218	Machinery, equipment, & supplies	49,336	50,158	51,232	51,253	51,992	51,362	51,001	49,686	48,653	48,204	47,124	46,625	X
4219	Miscellaneous durable goods	23,274	22,696	22,120	22,394	22,312	21,654	21,584	21,348	20,841	20,831	20,452	19,780	X
422	Nondurable goods	114,415	112,145	111,868	111,081	110,563	111,294	110,042	110,318	112,593	116,469	117,380	118,134	X
4221	Paper & paper products	6,947	7,009	6,937	7,027	7,032	6,759	6,612	6,474	6,451	6,492	6,438	6,355	X
4222	Drugs & druggists' sundries	23,367	21,704	22,989	23,292	23,547	24,835	24,693	24,762	26,868	27,289	27,779	29,294	X
4223	Apparel, piece goods, & notions	13,294	13,175	12,757	12,992	13,619	14,132	14,047	13,962	13,637	13,214	12,486	12,665	X
4224	Groceries & related products	21,658	21,237	21,332	21,174	21,447	21,568	21,021	21,474	21,620	21,778	21,902	21,676	X
4225	Farm product raw materials	13,418	12,515	11,353	10,202	9,090	8,288	8,025	8,019	8,556	11,313	12,336	12,144	X
4226	Chemicals & allied products	5,909	5,864	6,076	6,269	6,229	6,210	6,243	6,084	6,100	6,070	6,104	6,128	X
4227	Petroleum & petroleum products	4,225	4,239	4,163	4,091	4,096	4,121	4,243	4,167	4,117	4,269	4,363	4,582	X
4228	Beer, wine, & distilled alcoholic beverages	6,149	6,245	6,286	6,481	6,418	6,631	6,491	6,394	6,616	6,819	6,563	5,923	X
4229	Miscellaneous nondurable goods	19,448	20,157	19,975	19,553	19,085	18,750	18,667	18,982	18,628	19,191	19,443	19,367	X
	Inventories/sales ratios, total ..	1.37	1.44	1.27	1.35	1.26	1.30	1.33	1.24	1.34	1.25	1.32	1.36	X
421	Durable goods	1.74	1.81	1.55	1.70	1.58	1.59	1.65	1.51	1.63	1.50	1.58	1.62	X
4211	Motor vehicle & motor vehicle parts & supplies	1.67	1.76	1.43	1.49	1.38	1.38	1.42	1.30	1.57	1.38	1.42	1.44	X
4212	Furniture & home furnishings	1.66	1.68	1.45	1.55	1.55	1.56	1.63	1.45	1.64	1.41	1.44	1.64	X
4213	Lumber & other construction materials	1.25	1.30	1.13	1.11	0.97	1.00	1.03	0.94	1.12	0.98	1.09	1.24	X
4214	Professional & commercial equip. & supplies	1.27	1.32	1.08	1.25	1.10	1.08	1.17	1.09	1.09	1.08	1.13	1.03	X
42143	Computer & computer peripheral equip. & software	0.90	0.95	0.77	0.96	0.81	0.72	0.85	0.75	0.70	0.72	0.80	0.65	X
4215	Metals & minerals, ex. petroleum	1.79	1.84	1.68	1.73	1.59	1.66	1.71	1.54	1.72	1.59	1.73	2.02	X
4216	Electrical goods	1.60	1.69	1.45	1.71	1.63	1.66	1.62	1.50	1.55	1.37	1.47	1.47	X
4217	Hardware, & plumbing & heating equip. & supplies	2.06	2.17	1.97	2.13	1.86	1.92	1.99	1.91	2.08	1.76	1.90	2.18	X
4218	Machinery, equipment, & supplies	2.42	2.50	2.19	2.32	2.23	2.29	2.42	2.18	2.36	2.26	2.39	2.42	X
4219	Miscellaneous durable goods	1.81	1.79	1.55	1.78	1.69	1.61	1.70	1.53	1.60	1.48	1.59	1.64	X
422	Nondurable goods	1.01	1.06	0.97	1.00	0.94	1.00	1.00	0.95	1.05	0.99	1.06	1.09	X
4221	Paper & paper products	1.03	1.15	1.03	1.11	1.05	1.06	1.06	0.95	1.09	0.98	1.04	1.09	X
4222	Drugs & druggists' sundries	1.44	1.54	1.48	1.59	1.50	1.60	1.50	1.67	1.45	1.59	1.68	1.68	X
4223	Apparel, piece goods, & notions	1.98	1.86	1.71	2.09	2.09	2.17	2.12	1.86	2.01	1.75	1.89	2.48	X
4224	Groceries & related products	0.68	0.71	0.62	0.64	0.60	0.64	0.61	0.67	0.62	0.67	0.64	0.64	X
4225	Farm product raw materials	1.29	1.35	1.14	1.21	1.02	1.09	1.01	0.96	1.11	1.15	1.36	1.40	X
4226	Chemicals & allied products	1.18	1.22	1.14	1.29	1.18	1.22	1.26	1.18	1.34	1.20	1.31	1.44	X
4227	Petroleum & petroleum products	0.24	0.28	0.27	0.26	0.25	0.28	0.30	0.27	0.28	0.31	0.35	0.38	X
4228	Beer, wine, & distilled alcoholic beverages	1.23	1.23	1.09	1.13	0.97	1.03	1.05	0.97	1.23	1.08	1.00	0.86	X
4229	Miscellaneous nondurable goods	1.37	1.47	1.29	1.24	1.18	1.26	1.31	1.27	1.31	1.30	1.46	1.41	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	2000											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	224,188	223,672	226,668	227,945	227,951	231,434	230,607	230,507	232,091	232,604	232,375	233,840
421	Durable goods	119,468	117,919	118,717	119,784	119,925	120,655	120,043	120,536	120,403	120,628	120,179	118,088
4211	Motor vehicle & motor vehicle parts & supplies	16,824	16,667	16,469	16,817	16,456	16,653	16,467	16,620	16,627	16,610	16,796	16,652
4212	Furniture & home furnishings	3,758	3,832	3,823	3,903	3,942	3,934	3,914	3,926	3,924	3,887	3,866	3,812
4213	Lumber & other construction materials	6,320	6,089	6,151	5,992	5,945	5,950	5,783	5,772	5,817	5,878	5,834	5,889
4214	Professional & commercial equip. & supplies	23,651	23,411	23,847	23,702	23,425	23,418	23,393	24,048	23,789	24,203	23,776	22,315
42143	Computer & computer peripheral equip. & software	14,038	13,855	14,267	14,128	13,935	13,508	13,574	14,099	13,653	13,885	13,742	12,575
4215	Metals & minerals, ex. petroleum	8,889	8,604	8,699	8,641	8,542	8,598	8,612	8,573	8,444	8,338	8,370	8,338
4216	Electrical goods	19,334	19,053	19,162	19,511	19,810	20,470	20,146	20,351	20,342	19,934	19,991	19,951
4217	Hardware, & plumbing & heating equip. & supplies	5,417	5,409	5,513	5,614	5,639	5,631	5,541	5,521	5,543	5,572	5,428	5,446
4218	Machinery, equipment, & supplies	20,862	20,484	20,525	20,839	20,897	21,429	21,453	21,349	21,548	21,604	21,625	21,336
4219	Miscellaneous durable goods	14,413	14,370	14,528	14,765	15,269	14,572	14,734	14,376	14,369	14,602	14,493	14,349
422	Nondurable goods	104,720	105,753	107,951	108,161	108,026	110,779	110,564	109,971	111,688	111,976	112,196	115,752
4221	Paper & paper products	6,574	6,554	6,744	6,552	6,693	6,677	6,699	6,727	6,719	6,693	6,716	6,769
4222	Drugs & druggists' sundries	12,641	12,951	13,441	13,580	13,824	14,019	14,137	14,309	14,210	14,329	14,583	14,750
4223	Apparel, piece goods, & notions	7,195	7,295	7,507	7,511	7,523	7,557	7,421	7,259	7,380	7,304	7,174	7,427
4224	Groceries & related products	31,049	31,254	31,203	31,650	31,690	31,948	32,044	32,021	32,008	32,199	32,628	33,558
4225	Farm product raw materials	8,296	8,363	8,706	9,029	8,909	9,140	9,092	8,917	8,847	8,991	8,877	9,534
4226	Chemicals & allied products	4,839	4,625	4,893	4,979	4,939	5,040	5,017	5,068	5,140	5,121	5,030	5,171
4227	Petroleum & petroleum products	13,643	14,673	14,876	14,585	14,190	15,907	15,995	15,442	16,799	16,818	16,594	17,367
4228	Beer, wine, & distilled alcoholic beverages	5,806	5,725	5,887	5,822	5,889	5,997	5,914	5,996	5,982	6,050	6,013	6,059
4229	Miscellaneous nondurable goods	14,677	14,313	14,694	14,453	14,369	14,494	14,245	14,232	14,603	14,471	14,581	15,117
	Inventories, total	288,443	290,218	292,347	294,499	295,833	298,592	299,363	300,661	300,802	302,425	304,258	304,678
421	Durable goods	185,769	187,018	188,026	189,723	190,678	192,989	193,154	193,789	193,215	193,869	194,573	194,165
4211	Motor vehicle & motor vehicle parts & supplies	25,386	25,443	25,862	26,114	26,250	26,558	26,220	25,995	25,514	25,667	25,767	26,110
4212	Furniture & home furnishings	5,406	5,453	5,498	5,600	5,677	5,776	5,870	5,956	5,758	5,839	5,910	5,862
4213	Lumber & other construction materials	6,767	6,820	6,873	6,898	6,905	6,963	6,844	6,734	6,705	6,669	6,701	6,766
4214	Professional & commercial equip. & supplies	28,267	27,807	27,428	27,453	27,487	27,485	27,446	27,440	27,950	28,060	27,931	27,438
42143	Computer & computer peripheral equip. & software	12,468	12,367	11,550	11,506	11,204	11,324	11,321	11,263	11,784	12,265	11,690	11,285
4215	Metals & minerals, ex. petroleum	14,472	14,740	15,005	15,414	15,233	15,329	15,379	15,305	15,252	15,017	14,825	14,430
4216	Electrical goods	26,085	26,279	26,466	26,431	26,787	27,320	27,830	28,257	28,562	29,335	29,638	29,796
4217	Hardware, & plumbing & heating equip. & supplies	9,855	10,095	10,080	10,318	10,427	10,562	10,575	10,595	10,552	10,626	10,640	10,707
4218	Machinery, equipment, & supplies	49,050	49,312	49,523	49,894	49,985	50,384	50,054	50,586	50,496	50,037	50,405	50,006
4219	Miscellaneous durable goods	20,481	21,069	21,291	21,601	21,927	22,612	22,936	22,921	22,426	22,619	22,756	23,050
422	Nondurable goods	102,674	103,200	104,321	104,776	105,155	105,603	106,209	106,872	107,587	108,556	109,685	110,513
4221	Paper & paper products	6,435	6,475	6,591	6,675	6,772	6,798	6,862	6,946	6,953	7,072	7,094	7,099
4222	Drugs & druggists' sundries	18,870	19,084	19,444	19,478	19,293	19,898	20,389	20,354	20,864	21,258	21,492	22,373
4223	Apparel, piece goods, & notions	12,889	12,885	12,870	12,995	13,113	12,906	13,025	12,957	13,085	12,982	12,924	12,862
4224	Groceries & related products	21,244	21,348	21,320	21,352	21,151	21,078	21,248	21,367	21,565	21,770	22,274	21,852
4225	Farm product raw materials	10,240	10,168	10,671	10,898	11,057	10,776	10,483	10,505	10,467	10,397	10,742	11,013
4226	Chemicals & allied products	6,032	6,090	6,160	6,147	6,112	6,168	6,144	6,165	6,072	6,044	6,010	6,009
4227	Petroleum & petroleum products	3,909	4,004	4,097	4,042	3,970	4,210	4,126	4,325	4,235	4,247	4,568	4,507
4228	Beer, wine, & distilled alcoholic beverages	6,267	6,286	6,272	6,338	6,425	6,273	6,296	6,346	6,357	6,417	6,455	6,556
4229	Miscellaneous nondurable goods	16,788	16,860	16,896	16,851	17,262	17,496	17,636	17,907	17,989	18,369	18,126	18,242
	Inventories/sales ratios, total	1.29	1.30	1.29	1.29	1.30	1.29	1.30	1.30	1.30	1.30	1.31	1.30
421	Durable goods	1.55	1.59	1.58	1.58	1.59	1.60	1.61	1.61	1.60	1.61	1.62	1.64
4211	Motor vehicle & motor vehicle parts & supplies	1.51	1.53	1.57	1.55	1.60	1.59	1.59	1.56	1.53	1.55	1.53	1.57
4212	Furniture & home furnishings	1.44	1.42	1.44	1.43	1.44	1.47	1.50	1.52	1.47	1.50	1.53	1.54
4213	Lumber & other construction materials	1.07	1.12	1.12	1.15	1.16	1.17	1.18	1.17	1.15	1.13	1.15	1.15
4214	Professional & commercial equip. & supplies	1.20	1.19	1.15	1.16	1.17	1.17	1.17	1.14	1.17	1.16	1.17	1.23
42143	Computer & computer peripheral equip. & software	0.89	0.89	0.81	0.81	0.80	0.84	0.83	0.80	0.86	0.88	0.85	0.90
4215	Metals & minerals, ex. petroleum	1.63	1.71	1.72	1.78	1.78	1.78	1.79	1.79	1.81	1.80	1.77	1.73
4216	Electrical goods	1.35	1.38	1.38	1.35	1.35	1.33	1.38	1.39	1.40	1.47	1.48	1.49
4217	Hardware, & plumbing & heating equip. & supplies	1.82	1.87	1.83	1.84	1.85	1.88	1.91	1.92	1.90	1.91	1.96	1.97
4218	Machinery, equipment, & supplies	2.35	2.41	2.41	2.39	2.39	2.35	2.33	2.37	2.34	2.32	2.33	2.34
4219	Miscellaneous durable goods	1.42	1.47	1.47	1.46	1.44	1.55	1.56	1.59	1.56	1.55	1.57	1.61
422	Nondurable goods	0.98	0.98	0.97	0.97	0.97	0.95	0.96	0.97	0.96	0.97	0.98	0.95
4221	Paper & paper products	0.98	0.99	0.98	1.02	1.01	1.02	1.02	1.03	1.03	1.06	1.06	1.05
4222	Drugs & druggists' sundries	1.49	1.47	1.45	1.43	1.40	1.42	1.44	1.42	1.47	1.48	1.47	1.52
4223	Apparel, piece goods, & notions	1.79	1.77	1.71	1.73	1.74	1.71	1.76	1.78	1.77	1.78	1.80	1.73
4224	Groceries & related products	0.68	0.68	0.68	0.67	0.67	0.66	0.66	0.67	0.67	0.68	0.68	0.65
4225	Farm product raw materials	1.23	1.22	1.23	1.21	1.24	1.18	1.15	1.18	1.18	1.16	1.21	1.16
4226	Chemicals & allied products	1.25	1.32	1.26	1.23	1.24	1.22	1.22	1.22	1.18	1.18	1.19	1.16
4227	Petroleum & petroleum products	0.29	0.27	0.28	0.28	0.28	0.26	0.26	0.28	0.25	0.25	0.28	0.26
4228	Beer, wine, & distilled alcoholic beverages	1.08	1.10	1.07	1.09	1.09	1.05	1.06	1.06	1.06	1.06	1.07	1.08
4229	Miscellaneous nondurable goods	1.14	1.18	1.15	1.17	1.20	1.21	1.24	1.26	1.23	1.27	1.24	1.21

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	2000												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	203,676	213,885	243,234	217,776	238,197	241,863	221,127	241,155	231,401	242,715	231,038	225,694	2,751,761
421	Durable goods	105,711	112,068	128,791	113,719	124,023	127,662	115,046	127,250	122,317	126,914	118,620	112,893	1,435,014
4211	Motor vehicle & motor vehicle parts & supplies	14,502	15,867	18,165	16,750	17,197	17,519	15,808	17,301	15,962	17,208	16,762	16,519	199,560
4212	Furniture & home furnishings	3,288	3,594	4,049	3,677	4,001	4,099	3,695	4,240	4,038	4,256	4,024	3,507	46,468
4213	Lumber & other construction materials	5,182	5,407	6,403	5,788	6,599	6,729	5,980	6,626	5,904	6,201	5,548	4,823	71,190
4214	Professional & commercial equip. & supplies	21,168	21,936	26,232	21,830	23,589	24,870	22,270	25,154	25,216	24,760	22,682	22,962	282,669
42143	Computer & computer peripheral equip. & software	12,690	12,816	15,822	12,800	13,670	14,359	12,868	14,733	14,827	14,329	13,027	13,254	165,195
4215	Metals & minerals, ex. petroleum	8,320	8,570	9,517	8,321	8,943	9,105	8,121	9,165	8,402	8,621	8,094	7,446	102,625
4216	Electrical goods	17,343	18,253	20,580	17,950	19,790	21,125	19,401	21,633	21,339	21,588	20,071	18,953	238,026
4217	Hardware, & plumbing & heating equip. & supplies	4,794	5,122	5,673	5,294	6,062	6,228	5,552	5,919	5,510	5,973	5,309	4,776	66,212
4218	Machinery, equipment, & supplies	18,546	19,624	22,598	20,422	22,527	23,036	20,295	22,203	20,988	22,274	20,782	20,333	253,628
4219	Miscellaneous durable goods	12,568	13,695	15,574	13,687	15,315	14,951	13,924	15,009	14,958	16,033	15,348	13,574	174,636
422	Nondurable goods	97,965	101,817	114,443	104,057	114,174	114,201	106,081	113,905	109,084	115,801	112,418	112,801	1,316,747
4221	Paper & paper products	6,206	6,259	7,149	6,172	6,847	6,831	6,377	7,279	6,800	7,115	6,689	6,376	80,100
4222	Drugs & druggists' sundries	12,477	12,679	14,368	12,629	14,059	14,173	13,063	14,552	13,940	15,002	14,758	14,824	166,524
4223	Apparel, piece goods, & notions	6,468	7,930	8,723	6,895	7,011	7,534	7,243	8,370	7,756	8,071	7,031	5,615	88,647
4224	Groceries & related products	29,093	29,191	32,545	30,447	33,845	32,683	32,268	33,238	31,144	32,843	32,954	33,055	383,306
4225	Farm product raw materials	8,528	8,580	9,228	8,180	9,194	8,674	7,801	8,462	8,192	10,043	9,525	9,982	106,389
4226	Chemicals & allied products	4,520	4,593	5,270	4,770	5,275	5,413	4,856	5,433	4,965	5,249	4,834	4,628	59,806
4227	Petroleum & petroleum products	13,193	14,262	15,218	13,972	15,056	16,225	15,339	15,967	16,631	17,138	16,279	17,298	186,578
4228	Beer, wine, & distilled alcoholic beverages	4,256	4,969	6,028	5,368	6,449	6,681	5,630	6,614	5,856	6,274	6,452	6,586	71,163
4229	Miscellaneous nondurable goods	13,224	13,354	15,914	15,624	16,438	15,987	13,504	13,990	13,800	14,066	13,896	14,437	174,234
	Inventories, total	292,056	292,068	293,075	295,578	294,048	295,691	298,068	296,530	297,528	305,444	307,122	305,560	X
421	Durable goods	184,629	186,933	187,798	191,299	192,144	193,900	195,799	194,339	192,773	193,519	193,298	190,870	X
4211	Motor vehicle & motor vehicle parts & supplies	25,665	26,333	26,405	26,636	26,381	26,133	25,853	25,111	25,131	25,641	25,947	25,666	X
4212	Furniture & home furnishings	5,303	5,317	5,361	5,438	5,637	5,857	6,075	6,159	5,948	5,973	5,857	5,721	X
4213	Lumber & other construction materials	6,632	6,786	7,045	7,098	7,098	7,137	7,015	6,774	6,685	6,476	6,460	6,468	X
4214	Professional & commercial equip. & supplies	28,437	27,779	27,126	27,755	27,212	27,100	27,693	27,193	27,726	28,565	28,406	27,301	X
42143	Computer & computer peripheral equip. & software	12,655	12,367	11,215	11,690	11,025	10,973	11,412	11,083	11,631	12,572	12,123	11,341	X
4215	Metals & minerals, ex. petroleum	14,515	14,755	15,005	15,399	15,263	15,406	15,594	15,397	15,191	14,822	14,588	14,545	X
4216	Electrical goods	26,059	26,174	25,963	26,167	26,707	27,539	28,526	28,766	28,819	29,247	29,608	29,289	X
4217	Hardware, & plumbing & heating equip. & supplies	9,697	10,055	10,130	10,493	10,552	10,752	10,681	10,743	10,520	10,445	10,438	10,546	X
4218	Machinery, equipment, & supplies	47,922	48,770	49,919	50,842	51,235	51,341	51,105	50,839	49,991	49,437	49,397	48,906	X
4219	Miscellaneous durable goods	20,399	20,964	20,844	21,471	22,059	22,635	23,257	23,357	22,762	22,913	22,597	22,428	X
422	Nondurable goods	107,427	105,135	105,277	104,279	101,904	101,791	102,269	102,191	104,755	111,925	113,824	114,690	X
4221	Paper & paper products	6,435	6,358	6,644	6,802	6,813	6,764	6,841	6,870	6,877	7,100	7,137	7,156	X
4222	Drugs & druggists' sundries	20,002	18,931	19,444	19,478	18,502	19,619	20,226	19,621	20,655	21,747	21,685	23,156	X
4223	Apparel, piece goods, & notions	13,405	12,885	12,355	12,540	12,982	13,100	13,481	13,346	13,294	12,904	12,433	12,772	X
4224	Groceries & related products	21,159	20,921	21,064	21,053	21,003	20,846	20,887	21,630	22,706	23,210	22,180	22,180	X
4225	Farm product raw materials	12,821	11,795	11,493	10,626	9,299	8,287	7,684	7,637	8,436	12,269	13,460	13,502	X
4226	Chemicals & allied products	6,014	6,102	6,209	6,190	6,185	6,199	6,236	6,165	5,981	5,917	5,944	6,021	X
4227	Petroleum & petroleum products	3,901	3,956	4,011	3,973	3,895	4,138	4,105	4,325	4,243	4,336	4,691	4,669	X
4228	Beer, wine, & distilled alcoholic beverages	5,878	6,079	6,147	6,395	6,412	6,392	6,390	6,359	6,567	6,853	6,739	6,025	X
4229	Miscellaneous nondurable goods	17,812	18,108	17,910	17,222	16,813	16,446	16,419	16,886	17,072	18,093	18,525	19,209	X
	Inventories/sales ratios, total	1.43	1.37	1.20	1.36	1.23	1.22	1.35	1.23	1.29	1.26	1.33	1.35	X
421	Durable goods	1.75	1.67	1.46	1.68	1.55	1.52	1.70	1.53	1.58	1.52	1.63	1.69	X
4211	Motor vehicle & motor vehicle parts & supplies	1.77	1.66	1.45	1.59	1.53	1.49	1.64	1.45	1.57	1.49	1.55	1.55	X
4212	Furniture & home furnishings	1.61	1.48	1.32	1.48	1.41	1.43	1.64	1.45	1.47	1.40	1.46	1.63	X
4213	Lumber & other construction materials	1.28	1.26	1.10	1.23	1.08	1.06	1.17	1.02	1.13	1.04	1.16	1.34	X
4214	Professional & commercial equip. & supplies	1.34	1.27	1.03	1.27	1.15	1.09	1.24	1.08	1.10	1.15	1.25	1.19	X
42143	Computer & computer peripheral equip. & software	1.00	0.96	0.71	0.91	0.81	0.76	0.89	0.75	0.78	0.88	0.93	0.86	X
4215	Metals & minerals, ex. petroleum	1.74	1.72	1.58	1.85	1.71	1.69	1.92	1.68	1.81	1.72	1.80	1.95	X
4216	Electrical goods	1.50	1.43	1.26	1.46	1.35	1.30	1.47	1.33	1.35	1.35	1.48	1.55	X
4217	Hardware, & plumbing & heating equip. & supplies	2.02	1.96	1.79	1.98	1.74	1.73	1.92	1.82	1.91	1.75	1.97	2.21	X
4218	Machinery, equipment, & supplies	2.58	2.49	2.21	2.49	2.27	2.23	2.52	2.29	2.38	2.22	2.38	2.41	X
4219	Miscellaneous durable goods	1.62	1.53	1.34	1.57	1.44	1.51	1.67	1.56	1.52	1.43	1.47	1.65	X
422	Nondurable goods	1.10	1.03	0.92	1.00	0.89	0.89	0.96	0.90	0.96	0.97	1.01	1.02	X
4221	Paper & paper products	1.04	1.02	0.93	1.10	1.00	0.99	1.07	0.94	1.01	1.00	1.07	1.12	X
4222	Drugs & druggists' sundries	1.60	1.49	1.35	1.54	1.32	1.38	1.55	1.35	1.48	1.45	1.47	1.56	X
4223	Apparel, piece goods, & notions	2.07	1.62	1.42	1.82	1.85	1.74	1.86	1.59	1.71	1.60	1.77	2.27	X
4224	Groceries & related products	0.73	0.72	0.65	0.69	0.62	0.64	0.65	0.63	0.69	0.69	0.70	0.67	X
4225	Farm product raw materials	1.50	1.37	1.25	1.30	1.01	0.96	0.99	0.90	1.03	1.22	1.41	1.35	X
4226	Chemicals & allied products	1.33	1.33	1.18	1.30	1.17	1.15	1.28	1.13	1.20	1.13	1.23	1.30	X
4227	Petroleum & petroleum products	0.30	0.28	0.26	0.28	0.26	0.27	0.27	0.27	0.26	0.25	0.29	0.27	X
4228	Beer, wine, & distilled alcoholic beverages	1.38	1.22	1.02	1.19	0.99	0.96	1.13	0.96	1.12	1.09	1.04	0.91	X
4229	Miscellaneous nondurable goods	1.35	1.36	1.13	1.10	1.02	1.03	1.22	1.21	1.24	1.29	1.33	1.33	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1999											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	199,609	202,352	204,586	205,593	209,917	211,509	212,691	214,440	215,852	218,636	221,316	222,824
421	Durable goods	106,392	109,080	109,321	109,626	111,644	112,392	113,630	113,829	114,670	116,355	117,342	118,993
4211	Motor vehicle & motor vehicle parts & supplies	14,695	16,243	15,636	15,871	16,186	16,302	16,630	16,372	16,713	17,098	16,886	16,994
4212	Furniture & home furnishings	3,388	3,462	3,429	3,442	3,521	3,526	3,692	3,613	3,558	3,688	3,613	3,705
4213	Lumber & other construction materials	5,476	5,641	5,715	5,776	5,932	6,032	6,109	5,981	6,116	6,118	6,284	6,198
4214	Professional & commercial equip. & supplies	21,489	21,733	22,135	22,014	22,675	22,968	23,044	23,343	23,522	23,740	23,853	24,117
42143	Computer & computer peripheral equip. & software	12,477	12,911	13,113	12,914	13,387	13,224	13,746	13,874	13,810	14,136	13,939	14,325
4215	Metals & minerals, ex. petroleum	8,039	7,945	7,882	7,727	7,735	7,731	7,805	7,623	7,600	8,061	8,262	8,408
4216	Electrical goods	15,749	16,336	16,478	16,727	16,864	17,136	17,400	17,500	17,726	18,153	18,564	19,117
4217	Hardware, & plumbing & heating equip. & supplies	5,182	5,183	5,270	5,289	5,316	5,291	5,336	5,355	5,307	5,257	5,304	5,331
4218	Machinery, equipment, & supplies	19,965	19,905	20,326	20,155	20,407	20,464	20,485	20,655	20,398	20,414	20,400	20,638
4219	Miscellaneous durable goods	12,409	12,632	12,450	12,625	13,008	12,942	13,129	13,387	13,730	13,826	14,176	14,485
422	Nondurable goods	93,217	93,272	95,265	95,967	98,273	99,117	99,061	100,611	101,182	102,281	103,974	103,831
4221	Paper & paper products	5,925	6,021	5,795	6,061	6,174	6,273	6,326	6,359	6,438	6,522	6,569	6,346
4222	Drugs & druggists' sundries	11,292	11,478	11,690	12,035	12,156	12,285	12,353	12,506	12,387	12,317	12,891	13,127
4223	Apparel, piece goods, & notions	7,008	6,827	7,404	7,141	7,208	7,098	7,082	7,104	7,131	7,192	7,268	7,303
4224	Groceries & related products	28,920	29,081	29,479	29,335	29,975	29,652	29,699	30,207	30,782	30,960	31,157	31,174
4225	Farm product raw materials	8,377	8,544	8,401	8,113	8,770	8,830	8,434	8,299	8,571	8,646	8,552	8,185
4226	Chemicals & allied products	4,537	4,300	4,474	4,441	4,533	4,710	4,619	4,632	4,624	4,681	4,795	4,824
4227	Petroleum & petroleum products	9,235	8,896	10,002	10,751	11,038	11,222	11,811	12,386	12,358	12,341	12,778	12,968
4228	Beer, wine, & distilled alcoholic beverages	5,422	5,423	5,410	5,469	5,545	5,527	5,552	5,655	5,736	5,811	5,828	5,769
4229	Miscellaneous nondurable goods	12,501	12,702	12,610	12,621	12,874	13,520	13,185	13,463	13,155	13,811	14,136	14,135
	Inventories, total	269,750	271,772	272,474	272,480	272,549	273,125	275,772	276,856	278,374	281,028	284,348	285,666
421	Durable goods	174,958	175,750	176,170	175,096	176,170	177,048	178,214	178,112	179,431	181,062	183,693	184,651
4211	Motor vehicle & motor vehicle parts & supplies	22,704	22,798	23,161	23,139	23,590	23,729	24,161	24,282	24,569	24,664	25,173	25,260
4212	Furniture & home furnishings	5,081	5,133	5,118	5,045	5,069	5,161	5,200	5,176	5,191	5,357	5,235	5,381
4213	Lumber & other construction materials	5,968	5,979	6,095	6,211	6,326	6,364	6,489	6,511	6,584	6,644	6,579	6,643
4214	Professional & commercial equip. & supplies	26,296	26,888	26,719	25,753	26,325	26,660	26,518	26,422	26,589	27,069	27,594	27,751
42143	Computer & computer peripheral equip. & software	12,066	12,642	12,019	11,191	11,982	12,161	12,027	11,983	11,783	12,164	12,361	12,532
4215	Metals & minerals, ex. petroleum	14,421	14,000	13,573	13,598	13,684	13,675	13,528	13,403	13,545	13,740	14,009	14,229
4216	Electrical goods	23,243	23,515	23,305	23,058	23,418	23,544	24,157	24,247	24,561	24,985	25,542	26,172
4217	Hardware, & plumbing & heating equip. & supplies	9,675	9,622	9,649	9,622	9,664	9,664	9,750	9,543	9,673	9,729	9,888	9,838
4218	Machinery, equipment, & supplies	48,564	48,890	49,222	49,617	49,094	49,291	49,653	49,537	49,463	49,352	49,715	49,322
4219	Miscellaneous durable goods	19,006	18,925	19,328	19,053	19,000	18,960	18,758	18,991	19,256	19,522	19,958	20,055
422	Nondurable goods	94,792	96,022	96,304	97,384	96,379	96,077	97,558	98,744	98,943	99,966	100,655	101,035
4221	Paper & paper products	5,916	5,979	6,020	6,067	6,086	6,137	6,213	6,261	6,299	6,295	6,372	6,187
4222	Drugs & druggists' sundries	15,681	15,959	16,135	16,850	17,145	17,425	17,766	17,935	17,848	18,414	18,318	18,396
4223	Apparel, piece goods, & notions	13,096	13,727	13,202	12,889	12,710	12,503	12,493	12,481	12,302	12,387	12,525	12,688
4224	Groceries & related products	19,365	19,742	19,978	20,507	20,292	19,899	20,542	20,733	20,744	20,928	21,332	21,324
4225	Farm product raw materials	9,899	9,803	9,919	10,211	10,007	9,860	9,870	10,523	10,489	10,433	10,048	9,857
4226	Chemicals & allied products	5,918	5,921	5,807	5,802	5,769	5,726	5,822	5,739	5,796	5,846	5,876	6,051
4227	Petroleum & petroleum products	3,508	3,560	3,599	3,657	3,631	3,758	3,846	3,783	3,916	3,846	3,904	3,757
4228	Beer, wine, & distilled alcoholic beverages	5,893	6,066	6,388	6,151	6,338	6,168	6,272	6,247	6,120	6,115	6,086	6,170
4229	Miscellaneous nondurable goods	15,516	15,265	15,256	15,250	14,401	14,601	14,734	15,042	15,429	15,702	16,194	16,605
	Inventories/sales ratios, total	1.35	1.34	1.33	1.33	1.30	1.29	1.30	1.29	1.29	1.29	1.28	1.28
421	Durable goods	1.64	1.61	1.61	1.60	1.58	1.58	1.57	1.56	1.56	1.56	1.57	1.55
4211	Motor vehicle & motor vehicle parts & supplies	1.55	1.40	1.48	1.46	1.46	1.46	1.45	1.48	1.47	1.44	1.49	1.49
4212	Furniture & home furnishings	1.50	1.48	1.49	1.47	1.44	1.46	1.41	1.43	1.46	1.45	1.45	1.45
4213	Lumber & other construction materials	1.09	1.06	1.07	1.08	1.07	1.06	1.06	1.09	1.08	1.09	1.05	1.07
4214	Professional & commercial equip. & supplies	1.22	1.24	1.21	1.17	1.16	1.16	1.15	1.13	1.13	1.14	1.16	1.15
42143	Computer & computer peripheral equip. & software	0.97	0.98	0.92	0.87	0.90	0.92	0.87	0.86	0.85	0.86	0.89	0.87
4215	Metals & minerals, ex. petroleum	1.79	1.76	1.72	1.76	1.77	1.77	1.73	1.76	1.78	1.70	1.70	1.69
4216	Electrical goods	1.48	1.44	1.41	1.38	1.39	1.37	1.39	1.39	1.39	1.38	1.38	1.37
4217	Hardware, & plumbing & heating equip. & supplies	1.87	1.86	1.83	1.82	1.82	1.83	1.83	1.78	1.82	1.85	1.86	1.85
4218	Machinery, equipment, & supplies	2.43	2.46	2.42	2.46	2.41	2.41	2.42	2.40	2.42	2.42	2.44	2.39
4219	Miscellaneous durable goods	1.53	1.50	1.55	1.51	1.46	1.46	1.43	1.42	1.40	1.41	1.41	1.38
422	Nondurable goods	1.02	1.03	1.01	1.01	0.98	0.97	0.98	0.98	0.98	0.98	0.97	0.97
4221	Paper & paper products	1.00	0.99	1.04	1.00	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97
4222	Drugs & druggists' sundries	1.39	1.39	1.38	1.40	1.41	1.42	1.44	1.43	1.44	1.50	1.42	1.40
4223	Apparel, piece goods, & notions	1.87	2.01	1.78	1.80	1.76	1.76	1.76	1.76	1.73	1.72	1.72	1.74
4224	Groceries & related products	0.67	0.68	0.68	0.70	0.68	0.67	0.69	0.69	0.67	0.68	0.68	0.68
4225	Farm product raw materials	1.18	1.15	1.18	1.26	1.14	1.12	1.17	1.27	1.22	1.21	1.17	1.20
4226	Chemicals & allied products	1.30	1.38	1.30	1.31	1.27	1.22	1.26	1.24	1.25	1.25	1.23	1.25
4227	Petroleum & petroleum products	0.38	0.40	0.36	0.34	0.33	0.33	0.33	0.31	0.32	0.31	0.31	0.29
4228	Beer, wine, & distilled alcoholic beverages	1.09	1.12	1.18	1.12	1.14	1.12	1.13	1.10	1.07	1.05	1.04	1.07
4229	Miscellaneous nondurable goods	1.24	1.20	1.21	1.21	1.12	1.08	1.12	1.12	1.17	1.14	1.15	1.17

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1999												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
UNADJUSTED²														
	Sales, total	180,722	184,600	220,528	207,630	207,071	221,615	209,979	217,816	221,373	221,686	220,935	227,115	2,541,070
421	Durable goods	94,107	98,715	119,052	110,440	108,631	119,231	112,381	116,663	119,518	118,915	116,629	120,437	1,354,719
4211	Motor vehicle & motor vehicle parts & supplies	12,902	14,667	17,278	16,633	15,911	17,313	16,547	16,536	16,312	17,337	16,937	17,623	195,996
4212	Furniture & home furnishings	2,927	3,092	3,631	3,501	3,394	3,589	3,603	3,804	3,768	3,861	3,837	3,653	42,660
4213	Lumber & other construction materials	4,512	4,755	5,898	5,955	6,074	6,840	6,586	6,615	6,434	6,314	6,001	5,467	71,451
4214	Professional & commercial equip. & supplies	19,211	19,560	24,481	21,442	21,360	24,461	22,583	23,646	25,404	23,811	22,923	26,263	275,145
42143	Computer & computer peripheral equip. & software	11,267	11,581	14,673	12,294	12,370	14,189	13,320	14,096	15,177	14,291	13,242	15,800	162,300
4215	Metals & minerals, ex. petroleum	7,605	7,540	8,599	7,990	7,573	8,172	7,602	7,867	7,798	8,069	7,981	8,013	94,809
4216	Electrical goods	14,048	14,866	17,796	16,142	15,970	17,804	17,243	18,165	19,055	19,079	18,787	19,021	207,976
4217	Hardware, & plumbing & heating equip. & supplies	4,586	4,592	5,375	5,310	5,343	5,878	5,592	5,628	5,403	5,473	5,283	4,915	63,378
4218	Machinery, equipment, & supplies	17,669	18,173	22,623	21,284	20,570	21,896	20,034	20,841	20,378	20,149	19,910	20,968	244,495
4219	Miscellaneous durable goods	10,647	11,470	13,371	12,183	12,436	13,278	12,591	13,561	14,966	14,822	14,970	14,514	158,809
422	Nondurable goods	86,615	85,885	101,476	97,190	98,440	102,384	97,598	101,153	101,855	102,771	104,306	106,678	1,186,351
4221	Paper & paper products	5,587	5,509	6,206	6,006	5,921	6,493	6,136	6,677	6,741	6,763	6,536	6,283	74,858
4222	Drugs & druggists' sundries	11,179	10,686	12,520	12,131	11,451	12,396	11,884	12,293	12,598	12,342	13,084	14,164	146,728
4223	Apparel, piece goods, & notions	6,300	7,045	8,648	6,834	6,163	7,247	7,209	7,750	7,973	7,681	6,941	5,886	85,677
4224	Groceries & related products	26,780	26,202	30,864	29,188	30,904	30,215	30,382	30,751	30,659	30,898	31,469	32,016	360,328
4225	Farm product raw materials	8,578	8,202	9,132	7,740	8,340	8,609	7,447	7,610	8,202	9,147	9,450	9,151	101,608
4226	Chemicals & allied products	4,269	4,046	4,805	4,517	4,551	5,096	4,624	4,790	4,592	4,681	4,622	4,568	55,161
4227	Petroleum & petroleum products	9,087	8,327	10,152	10,977	11,038	11,345	11,634	12,559	12,259	12,489	12,727	13,578	136,172
4228	Beer, wine, & distilled alcoholic beverages	4,034	4,436	5,480	5,485	5,589	6,179	5,624	5,893	5,834	5,857	6,189	6,784	67,384
4229	Miscellaneous nondurable goods	10,801	11,432	13,669	14,312	14,483	14,804	12,658	12,830	12,997	12,913	13,288	14,248	158,435
	Inventories, total	273,487	273,899	273,332	273,697	270,912	270,362	274,556	272,540	274,743	283,847	286,928	286,450	X
421	Durable goods	173,977	175,765	176,058	176,656	177,562	177,816	180,569	178,483	178,750	180,628	182,396	181,715	X
4211	Motor vehicle & motor vehicle parts & supplies	22,976	23,664	23,647	23,602	23,732	23,397	23,847	23,505	24,176	24,615	25,299	24,755	X
4212	Furniture & home furnishings	4,990	5,005	4,995	4,899	5,034	5,238	5,372	5,357	5,367	5,469	5,188	5,252	X
4213	Lumber & other construction materials	5,837	5,949	6,241	6,391	6,503	6,549	6,658	6,557	6,571	6,431	6,342	6,344	X
4214	Professional & commercial equip. & supplies	26,480	26,834	26,505	26,036	26,088	26,287	26,704	26,184	26,323	27,502	28,063	27,640	X
42143	Computer & computer peripheral equip. & software	12,271	12,566	11,731	11,359	11,802	11,833	12,111	11,791	11,618	12,407	12,794	12,657	X
4215	Metals & minerals, ex. petroleum	14,508	14,042	13,627	13,612	13,711	13,730	13,704	13,443	13,464	13,520	13,771	14,371	X
4216	Electrical goods	23,220	23,444	22,886	22,850	23,348	23,756	24,761	24,732	24,733	24,835	25,465	25,753	X
4217	Hardware, & plumbing & heating equip. & supplies	9,511	9,584	9,726	9,805	9,828	9,838	9,838	9,648	9,625	9,564	9,700	9,681	X
4218	Machinery, equipment, & supplies	47,544	48,450	49,567	50,560	50,223	50,080	50,646	49,686	48,869	48,858	48,770	48,385	X
4219	Miscellaneous durable goods	18,911	18,793	18,864	18,901	19,095	18,941	19,039	19,371	19,622	19,834	19,798	19,534	X
422	Nondurable goods	99,510	98,134	97,274	97,041	93,350	92,546	93,987	94,057	95,993	103,219	104,532	104,735	X
4221	Paper & paper products	5,946	5,901	6,068	6,182	6,092	6,106	6,213	6,198	6,242	6,295	6,385	6,243	X
4222	Drugs & druggists' sundries	16,669	15,959	16,167	16,901	16,408	17,094	17,642	17,325	17,634	18,819	18,446	18,911	X
4223	Apparel, piece goods, & notions	13,659	13,754	12,687	12,438	12,532	12,678	12,905	12,805	12,474	12,288	12,087	12,663	X
4224	Groceries & related products	19,288	19,327	19,758	20,199	20,150	19,680	20,275	20,360	20,785	21,870	22,228	21,580	X
4225	Farm product raw materials	12,503	11,460	10,703	9,976	8,356	7,563	7,185	7,524	8,349	12,384	12,680	12,164	X
4226	Chemicals & allied products	5,912	5,957	5,865	5,837	5,832	5,749	5,892	5,739	5,697	5,717	5,823	6,069	X
4227	Petroleum & petroleum products	3,504	3,503	3,513	3,606	3,580	3,675	3,808	3,783	3,932	3,950	4,013	3,900	X
4228	Beer, wine, & distilled alcoholic beverages	5,504	5,848	6,235	6,194	6,287	6,291	6,379	6,259	6,346	6,555	6,384	5,670	X
4229	Miscellaneous nondurable goods	16,525	16,425	16,278	15,708	14,113	13,710	13,688	14,064	14,534	15,341	16,486	17,535	X
	Inventories/sales ratios, total .	1.51	1.48	1.24	1.32	1.31	1.22	1.31	1.25	1.24	1.28	1.30	1.26	X
421	Durable goods	1.85	1.78	1.48	1.60	1.63	1.49	1.61	1.53	1.50	1.52	1.56	1.51	X
4211	Motor vehicle & motor vehicle parts & supplies	1.78	1.61	1.37	1.42	1.49	1.35	1.44	1.42	1.48	1.42	1.49	1.40	X
4212	Furniture & home furnishings	1.70	1.62	1.38	1.40	1.48	1.46	1.49	1.41	1.42	1.42	1.35	1.44	X
4213	Lumber & other construction materials	1.29	1.25	1.06	1.07	1.07	0.96	1.01	0.99	1.02	1.02	1.06	1.16	X
4214	Professional & commercial equip. & supplies	1.38	1.37	1.08	1.21	1.22	1.07	1.18	1.11	1.04	1.16	1.22	1.05	X
42143	Computer & computer peripheral equip. & software	1.09	1.09	0.80	0.92	0.95	0.83	0.91	0.84	0.77	0.87	0.97	0.80	X
4215	Metals & minerals, ex. petroleum	1.91	1.86	1.58	1.70	1.81	1.68	1.80	1.71	1.73	1.68	1.73	1.79	X
4216	Electrical goods	1.65	1.58	1.29	1.42	1.46	1.33	1.44	1.36	1.30	1.30	1.36	1.35	X
4217	Hardware, & plumbing & heating equip. & supplies	2.07	2.09	1.81	1.85	1.84	1.67	1.76	1.71	1.78	1.75	1.84	1.97	X
4218	Machinery, equipment, & supplies	2.69	2.67	2.19	2.38	2.44	2.29	2.53	2.38	2.40	2.42	2.45	2.31	X
4219	Miscellaneous durable goods	1.78	1.64	1.41	1.55	1.54	1.43	1.51	1.43	1.31	1.34	1.32	1.35	X
422	Nondurable goods	1.15	1.14	0.96	1.00	0.95	0.90	0.96	0.93	0.94	1.00	1.00	0.98	X
4221	Paper & paper products	1.06	1.07	0.98	1.03	1.03	0.94	1.01	0.93	0.93	0.93	0.98	0.99	X
4222	Drugs & druggists' sundries	1.49	1.49	1.29	1.39	1.43	1.38	1.48	1.41	1.40	1.52	1.41	1.34	X
4223	Apparel, piece goods, & notions	2.17	1.95	1.47	1.82	2.03	1.75	1.79	1.65	1.56	1.60	1.74	2.15	X
4224	Groceries & related products	0.72	0.74	0.64	0.69	0.65	0.65	0.67	0.66	0.68	0.71	0.71	0.67	X
4225	Farm product raw materials	1.46	1.40	1.17	1.29	1.00	0.88	0.96	0.99	1.02	1.35	1.34	1.33	X
4226	Chemicals & allied products	1.38	1.47	1.22	1.29	1.28	1.13	1.27	1.20	1.24	1.22	1.26	1.33	X
4227	Petroleum & petroleum products	0.39	0.42	0.35	0.33	0.32	0.32	0.33	0.30	0.32	0.32	0.32	0.29	X
4228	Beer, wine, & distilled alcoholic beverages	1.36	1.32	1.14	1.13	1.12	1.02	1.13	1.06	1.09	1.12	1.03	0.84	X
4229	Miscellaneous nondurable goods	1.53	1.44	1.19	1.10	0.97	0.93	1.08						

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1998											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	197,032	197,149	198,306	198,649	198,269	197,080	198,661	197,365	197,763	198,949	199,215	200,614
421	Durable goods	104,739	104,892	106,076	106,390	105,432	105,588	106,065	105,607	104,873	105,196	105,115	105,755
4211	Motor vehicle & motor vehicle parts & supplies	13,964	13,865	14,429	14,400	14,390	14,269	14,469	14,710	14,715	14,452	14,745	14,756
4212	Furniture & home furnishings	3,429	3,307	3,378	3,356	3,345	3,393	3,368	3,406	3,354	3,270	3,431	3,381
4213	Lumber & other construction materials	5,162	5,138	5,085	5,177	5,174	5,184	5,379	5,430	5,383	5,474	5,541	5,584
4214	Professional & commercial equip. & supplies	20,789	20,938	21,198	21,442	20,717	21,212	21,342	21,452	21,247	21,310	20,731	21,467
42143	Computer & computer peripheral equip. & software	12,404	12,552	12,822	13,169	12,681	13,248	12,939	12,543	12,238	12,153	11,862	12,105
4215	Metals & minerals, ex. petroleum	8,256	8,228	8,379	8,174	8,161	8,139	8,105	8,116	8,039	7,914	7,804	7,728
4216	Electrical goods	15,198	15,382	15,545	15,591	15,779	15,514	15,648	15,454	15,457	15,965	15,683	15,496
4217	Hardware, & plumbing & heating equip. & supplies	5,022	5,007	4,879	4,947	5,004	5,098	5,118	5,039	5,007	4,997	5,143	5,183
4218	Machinery, equipment, & supplies	20,192	20,360	20,233	20,469	20,558	20,365	20,068	20,005	20,201	19,685	20,161	20,125
4219	Miscellaneous durable goods	12,727	12,667	12,950	12,834	12,304	12,414	12,568	11,995	11,470	12,129	11,876	12,035
422	Nondurable goods	92,293	92,257	92,230	92,259	92,837	91,492	92,596	91,758	92,890	93,753	94,100	94,859
4221	Paper & paper products	5,665	5,683	5,810	5,806	5,828	5,907	5,833	5,811	5,868	5,871	5,858	5,969
4222	Drugs & druggists' sundries	9,873	10,083	10,375	9,960	10,061	10,049	10,315	10,382	10,561	10,706	10,841	11,198
4223	Apparel, piece goods, & notions	7,380	7,348	7,301	7,053	6,963	6,856	6,942	6,982	6,574	7,135	6,881	6,769
4224	Groceries & related products	27,714	28,564	28,193	28,518	28,523	28,700	29,054	28,844	29,024	29,171	29,008	29,050
4225	Farm product raw materials	10,068	9,253	9,048	8,852	8,934	8,521	8,687	8,728	8,734	8,859	8,894	9,195
4226	Chemicals & allied products	4,748	4,705	4,504	4,576	4,590	4,528	4,519	4,584	4,526	4,658	4,632	4,537
4227	Petroleum & petroleum products	10,128	9,907	9,846	9,905	9,915	9,863	9,223	9,493	9,649	9,562	9,234	
4228	Beer, wine, & distilled alcoholic beverages	4,883	4,935	5,064	5,080	5,110	4,939	5,149	5,098	5,423	5,313	5,288	5,350
4229	Miscellaneous nondurable goods	11,834	11,779	12,089	12,573	12,923	12,077	12,234	12,106	12,687	12,391	13,136	13,557
	Inventories, total	256,880	259,503	260,968	260,551	262,221	261,946	262,149	264,751	266,332	266,924	268,365	269,412
421	Durable goods	165,675	167,478	168,960	169,050	169,824	169,008	169,020	171,177	172,071	173,072	173,115	174,600
4211	Motor vehicle & motor vehicle parts & supplies	22,520	22,835	23,388	22,408	21,989	21,592	21,329	21,760	21,886	22,383	22,029	22,792
4212	Furniture & home furnishings	4,969	4,951	4,893	5,014	5,058	5,057	5,097	5,114	5,124	5,203	5,116	5,114
4213	Lumber & other construction materials	6,159	6,134	6,063	6,157	6,071	6,056	6,064	6,230	5,955	5,969	5,972	5,909
4214	Professional & commercial equip. & supplies	28,403	28,433	28,956	29,030	29,017	28,083	27,946	27,892	27,463	26,946	27,028	26,533
42143	Computer & computer peripheral equip. & software	13,650	13,538	14,409	14,199	14,170	13,643	13,124	13,271	12,693	12,340	12,388	
4215	Metals & minerals, ex. petroleum	13,698	13,763	13,811	13,816	13,918	13,832	13,761	14,153	14,203	14,232	14,359	14,294
4216	Electrical goods	21,462	21,712	22,170	22,490	22,687	22,766	22,641	22,830	23,020	22,913	22,977	23,257
4217	Hardware, & plumbing & heating equip. & supplies	8,921	9,221	9,142	9,318	9,354	9,459	9,408	9,476	9,466	9,496	9,515	9,580
4218	Machinery, equipment, & supplies	42,014	42,670	42,952	43,192	43,915	44,289	44,937	45,372	46,128	46,853	47,151	48,175
4219	Miscellaneous durable goods	17,529	17,759	17,585	17,625	17,815	17,874	17,837	18,350	18,826	19,077	18,968	18,946
422	Nondurable goods	91,205	92,025	92,008	91,501	92,397	92,938	93,129	93,574	94,261	93,852	95,250	94,812
4221	Paper & paper products	5,684	6,031	6,087	6,082	6,073	6,050	6,027	6,015	5,962	5,813	5,950	5,972
4222	Drugs & druggists' sundries	13,731	14,198	14,420	14,581	14,920	14,588	14,652	14,763	14,714	14,883	15,225	15,382
4223	Apparel, piece goods, & notions	13,589	13,324	13,398	13,452	13,405	13,534	13,463	13,666	13,548	13,631	13,679	13,644
4224	Groceries & related products	19,293	19,519	19,034	19,490	19,681	19,578	19,633	19,500	19,298	19,406	19,253	
4225	Farm product raw materials	9,734	9,527	9,275	8,561	8,479	9,144	9,205	9,378	9,963	10,066	10,253	10,109
4226	Chemicals & allied products	5,612	5,465	5,441	5,603	5,740	5,524	5,707	5,663	5,781	5,747	5,830	5,818
4227	Petroleum & petroleum products	3,904	3,717	3,732	3,786	3,908	3,791	3,714	3,650	3,843	3,646	3,505	3,412
4228	Beer, wine, & distilled alcoholic beverages	5,373	5,502	5,818	5,486	5,506	5,725	5,655	5,807	5,868	5,920	6,068	5,785
4229	Miscellaneous nondurable goods	14,285	14,742	14,803	14,460	14,685	15,004	15,073	14,969	15,082	14,848	15,334	15,437
	Inventories/sales ratios, total	1.30	1.32	1.32	1.31	1.32	1.33	1.32	1.34	1.35	1.34	1.35	1.34
421	Durable goods	1.58	1.60	1.59	1.59	1.61	1.60	1.59	1.62	1.64	1.65	1.65	1.65
4211	Motor vehicle & motor vehicle parts & supplies	1.61	1.65	1.62	1.56	1.53	1.51	1.47	1.48	1.49	1.55	1.49	1.54
4212	Furniture & home furnishings	1.45	1.50	1.45	1.49	1.51	1.49	1.51	1.50	1.53	1.59	1.49	1.51
4213	Lumber & other construction materials	1.19	1.19	1.19	1.19	1.17	1.17	1.13	1.15	1.11	1.09	1.08	1.06
4214	Professional & commercial equip. & supplies	1.37	1.36	1.37	1.35	1.40	1.32	1.31	1.30	1.29	1.26	1.30	1.24
42143	Computer & computer peripheral equip. & software	1.10	1.08	1.12	1.08	1.12	1.03	1.01	1.06	1.04	1.02	1.04	1.02
4215	Metals & minerals, ex. petroleum	1.66	1.67	1.65	1.69	1.71	1.70	1.70	1.74	1.77	1.80	1.84	1.85
4216	Electrical goods	1.41	1.41	1.43	1.44	1.44	1.47	1.45	1.48	1.49	1.44	1.47	1.50
4217	Hardware, & plumbing & heating equip. & supplies	1.78	1.84	1.87	1.88	1.87	1.86	1.84	1.88	1.89	1.90	1.85	
4218	Machinery, equipment, & supplies	2.08	2.10	2.12	2.11	2.14	2.17	2.24	2.27	2.28	2.38	2.34	2.39
4219	Miscellaneous durable goods	1.38	1.40	1.36	1.37	1.45	1.44	1.42	1.53	1.64	1.57	1.60	1.57
422	Nondurable goods	0.99	1.00	1.00	0.99	1.00	1.02	1.01	1.02	1.01	1.00	1.01	1.00
4221	Paper & paper products	1.00	1.06	1.05	1.05	1.04	1.02	1.03	1.04	1.02	0.99	1.02	1.00
4222	Drugs & druggists' sundries	1.39	1.41	1.39	1.46	1.48	1.45	1.42	1.42	1.39	1.39	1.40	1.37
4223	Apparel, piece goods, & notions	1.84	1.81	1.84	1.91	1.93	1.97	1.94	1.96	2.06	1.91	1.99	2.02
4224	Groceries & related products	0.70	0.68	0.68	0.68	0.69	0.68	0.68	0.68	0.67	0.66	0.67	0.66
4225	Farm product raw materials	0.97	1.03	1.03	0.97	0.95	1.07	1.06	1.07	1.14	1.14	1.15	1.10
4226	Chemicals & allied products	1.18	1.16	1.21	1.22	1.25	1.22	1.26	1.24	1.28	1.23	1.26	1.28
4227	Petroleum & petroleum products	0.39	0.38	0.38	0.38	0.39	0.38	0.38	0.40	0.40	0.38	0.37	0.37
4228	Beer, wine, & distilled alcoholic beverages	1.10	1.11	1.15	1.08	1.08	1.16	1.10	1.14	1.08	1.11	1.15	1.08
4229	Miscellaneous nondurable goods	1.21	1.25	1.22	1.15	1.14	1.24	1.23	1.24	1.19	1.20	1.17	1.14

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	1998												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	184,392	180,071	207,369	200,773	195,061	206,548	200,794	195,033	203,169	208,499	192,656	205,459	2,379,824
421	Durable goods	95,655	94,923	112,128	106,783	102,518	112,124	107,292	104,858	109,844	111,156	100,934	107,540	1,265,755
4211	Motor vehicle & motor vehicle parts & supplies	12,484	12,548	15,656	14,962	14,419	15,011	14,773	14,254	14,583	14,900	14,258	15,391	173,239
4212	Furniture & home furnishings	3,079	2,940	3,513	3,363	3,208	3,532	3,341	3,437	3,525	3,587	3,524	3,374	40,423
4213	Lumber & other construction materials	4,398	4,321	5,024	5,312	5,309	5,822	5,981	5,826	5,727	5,885	5,114	4,942	63,661
4214	Professional & commercial equip. & supplies	19,375	18,907	22,534	20,799	19,370	22,633	21,363	21,216	23,010	22,205	19,301	23,356	254,069
42143	Computer & computer peripheral equip. & software	11,573	11,347	13,822	12,642	11,590	14,189	12,874	12,505	13,425	12,566	11,008	13,243	150,784
4215	Metals & minerals, ex. petroleum	8,033	7,808	8,949	8,452	8,088	8,554	8,121	7,994	8,264	8,144	7,305	7,396	97,108
4216	Electrical goods	13,906	13,998	16,307	15,030	14,927	16,135	15,836	15,609	16,802	17,290	15,354	15,527	186,721
4217	Hardware, & plumbing & heating equip. & supplies	4,525	4,386	4,825	4,898	5,024	5,715	5,538	5,094	5,207	5,377	4,953	4,810	60,352
4218	Machinery, equipment, & supplies	18,617	18,589	21,852	21,492	20,558	22,035	20,148	19,445	20,201	20,256	18,810	20,528	242,531
4219	Miscellaneous durable goods	11,238	11,426	13,468	12,475	11,615	12,687	12,191	11,983	12,525	13,512	12,315	12,216	147,651
422	Nondurable goods	88,737	85,148	95,241	93,990	92,543	94,424	93,502	90,175	93,325	97,343	91,722	97,919	1,114,069
4221	Paper & paper products	5,450	5,206	6,077	5,823	5,560	6,049	5,845	5,939	6,203	6,235	5,647	5,903	69,937
4222	Drugs & druggists' sundries	10,130	9,377	10,697	10,070	9,498	10,109	10,346	9,790	10,793	11,113	10,581	12,060	124,564
4223	Apparel, piece goods, & notions	6,922	7,591	8,148	6,877	5,835	6,856	7,345	7,401	7,422	7,941	6,262	5,591	84,191
4224	Groceries & related products	26,550	25,736	28,757	28,432	28,951	29,475	30,042	29,104	28,676	30,075	28,718	29,921	344,437
4225	Farm product raw materials	10,743	8,911	9,464	8,507	8,443	8,282	7,862	7,672	8,594	9,656	9,294	10,565	107,993
4226	Chemicals & allied products	4,591	4,423	4,680	4,668	4,673	4,863	4,636	4,570	4,535	4,788	4,322	4,324	55,073
4227	Petroleum & petroleum products	10,067	9,293	9,738	9,959	10,073	9,895	10,031	9,085	9,465	9,852	9,409	9,530	116,397
4228	Beer, wine, & distilled alcoholic beverages	3,799	4,022	4,902	5,095	5,243	5,453	5,442	5,113	5,521	5,589	5,351	6,292	61,822
4229	Miscellaneous nondurable goods	10,485	10,589	12,778	14,559	14,267	13,442	11,953	11,501	12,116	12,094	12,138	13,733	149,655
	Inventories, total	260,972	261,890	261,897	261,876	260,617	259,041	261,076	260,686	262,634	269,500	270,709	270,272	X
421	Durable goods	164,976	167,588	168,923	170,462	171,015	169,509	171,275	171,602	171,350	172,660	171,820	171,931	X
4211	Motor vehicle & motor vehicle parts & supplies	22,813	23,726	23,832	22,811	22,143	21,311	21,116	21,107	21,514	22,316	22,117	22,222	X
4212	Furniture & home furnishings	4,875	4,827	4,790	4,874	5,023	5,138	5,245	5,303	5,297	5,070	4,996	X	
4213	Lumber & other construction materials	6,017	6,122	6,215	6,329	6,241	6,238	6,210	6,274	5,943	5,760	5,757	5,655	X
4214	Professional & commercial equip. & supplies	28,602	28,291	28,840	29,320	28,756	27,718	28,170	27,669	27,133	27,323	27,433	26,480	X
42143	Computer & computer peripheral equip. & software	13,923	13,376	14,150	14,369	13,972	13,343	13,268	13,059	12,477	12,550	12,710	12,537	X
4215	Metals & minerals, ex. petroleum	13,808	13,791	13,908	13,857	13,946	13,873	13,926	14,167	14,089	13,976	14,072	14,451	X
4216	Electrical goods	21,419	21,669	21,749	22,288	22,642	23,016	23,230	23,332	23,181	22,707	22,862	22,862	X
4217	Hardware, & plumbing & heating equip. & supplies	8,760	9,184	9,243	9,486	9,541	9,601	9,474	9,552	9,419	9,344	9,344	9,408	X
4218	Machinery, equipment, & supplies	41,258	42,414	42,253	44,013	44,837	44,776	45,746	45,463	45,528	46,478	46,349	47,404	X
4219	Miscellaneous durable goods	17,424	17,564	17,093	17,484	17,886	17,838	18,158	18,735	19,240	19,459	18,816	18,453	X
422	Nondurable goods	95,996	94,302	92,974	91,414	89,602	89,532	89,801	89,084	91,284	96,840	98,889	98,341	X
4221	Paper & paper products	5,769	5,977	6,130	6,191	6,043	6,026	6,033	5,943	5,920	5,801	5,920	6,026	X
4222	Drugs & druggists' sundries	14,651	14,297	14,434	14,639	14,234	14,238	14,549	14,291	14,537	15,196	15,286	15,720	X
4223	Apparel, piece goods, & notions	14,187	13,391	12,889	12,981	13,137	13,737	13,894	13,980	13,724	13,495	13,228	13,685	X
4224	Groceries & related products	19,254	19,070	18,806	19,217	19,524	19,363	19,437	19,270	19,559	20,224	20,182	19,426	X
4225	Farm product raw materials	12,411	11,271	10,054	8,398	7,046	6,986	6,701	6,602	7,791	11,938	12,970	12,515	X
4226	Chemicals & allied products	5,606	5,520	5,506	5,631	5,803	5,541	5,747	5,663	5,671	5,615	5,783	5,841	X
4227	Petroleum & petroleum products	3,896	3,646	3,631	3,748	3,877	3,685	3,669	3,650	3,866	3,763	3,600	3,545	X
4228	Beer, wine, & distilled alcoholic beverages	5,008	5,282	5,655	5,513	5,429	5,822	5,768	5,824	6,114	6,376	6,402	5,328	X
4229	Miscellaneous nondurable goods	15,214	15,848	15,869	15,096	14,509	14,134	14,003	13,861	14,102	14,432	15,518	16,255	X
	Inventories/sales ratios, total	1.42	1.45	1.26	1.30	1.34	1.25	1.30	1.34	1.29	1.29	1.41	1.32	X
421	Durable goods	1.72	1.77	1.51	1.60	1.67	1.51	1.60	1.64	1.56	1.55	1.70	1.60	X
4211	Motor vehicle & motor vehicle parts & supplies	1.83	1.89	1.52	1.52	1.54	1.42	1.43	1.48	1.48	1.50	1.55	1.44	X
4212	Furniture & home furnishings	1.58	1.64	1.36	1.45	1.57	1.45	1.57	1.54	1.50	1.48	1.44	1.48	X
4213	Lumber & other construction materials	1.37	1.42	1.24	1.19	1.18	1.07	1.04	1.08	1.04	0.98	1.13	1.14	X
4214	Professional & commercial equip. & supplies	1.48	1.50	1.28	1.41	1.48	1.22	1.32	1.30	1.18	1.23	1.42	1.13	X
42143	Computer & computer peripheral equip. & software	1.20	1.18	1.02	1.14	1.21	0.94	1.03	1.04	0.93	1.00	1.15	0.95	X
4215	Metals & minerals, ex. petroleum	1.72	1.77	1.55	1.64	1.72	1.62	1.71	1.77	1.70	1.72	1.93	1.95	X
4216	Electrical goods	1.54	1.55	1.33	1.48	1.52	1.43	1.47	1.49	1.38	1.31	1.49	1.47	X
4217	Hardware, & plumbing & heating equip. & supplies	1.94	2.09	1.92	1.94	1.90	1.68	1.71	1.88	1.81	1.74	1.89	1.96	X
4218	Machinery, equipment, & supplies	2.22	2.28	1.98	2.05	2.18	2.03	2.27	2.34	2.25	2.29	2.46	2.31	X
4219	Miscellaneous durable goods	1.55	1.54	1.27	1.40	1.54	1.41	1.49	1.56	1.54	1.44	1.53	1.51	X
422	Nondurable goods	1.08	1.11	0.98	0.97	0.97	0.95	0.96	0.99	0.98	0.99	1.08	1.00	X
4221	Paper & paper products	1.06	1.15	1.01	1.06	1.09	1.00	1.03	1.00	0.95	0.93	1.05	1.02	X
4222	Drugs & druggists' sundries	1.45	1.52	1.35	1.45	1.50	1.41	1.41	1.46	1.35	1.37	1.44	1.30	X
4223	Apparel, piece goods, & notions	2.05	1.76	1.58	1.89	2.25	2.00	1.89	1.89	1.85	1.70	2.11	2.45	X
4224	Groceries & related products	0.73	0.74	0.65	0.68	0.67	0.66	0.65	0.66	0.68	0.67	0.70	0.65	X
4225	Farm product raw materials	1.16	1.26	1.06	0.99	0.83	0.84	0.85	0.86	0.91	1.24	1.40	1.18	X
4226	Chemicals & allied products	1.22	1.25	1.18	1.21	1.24	1.14	1.24	1.24	1.25	1.17	1.34	1.35	X
4227	Petroleum & petroleum products	0.39	0.39	0.37	0.38	0.38	0.37	0.37	0.40	0.41	0.38	0.38	0.37	X
4228	Beer, wine, & distilled alcoholic beverages	1.32	1.31	1.15	1.08	1.04	1.07	1.06	1.14	1.11	1.14	1.20	0.85	X
4229	Miscellaneous nondurable goods	1.45	1.50	1.24	1.04	1.02	1.05	1.17	1.21	1.16	1.19	1.28	1.18	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	1997											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	191,014	195,294	193,922	192,793	194,101	194,044	194,158	194,185	196,663	196,344	195,831	195,564
421	Durable goods	98,131	101,395	100,036	101,083	101,272	102,102	103,008	101,829	104,265	103,733	103,811	103,154
4211	Motor vehicle & motor vehicle parts & supplies	13,821	14,083	14,146	13,698	14,295	14,382	13,980	13,213	14,212	14,105	13,885	12,881
4212	Furniture & home furnishings	3,194	3,378	3,164	3,230	3,127	3,136	3,194	3,161	3,404	3,379	3,312	3,370
4213	Lumber & other construction materials	4,930	5,187	5,104	5,214	5,044	5,164	5,145	5,154	5,137	5,059	4,997	5,167
4214	Professional & commercial equip. & supplies	18,662	19,364	19,078	19,471	19,455	19,945	19,756	19,530	20,163	20,180	20,550	20,725
42143	Computer & computer peripheral equip. & software	11,009	11,409	11,137	11,614	11,625	11,908	11,834	11,844	12,318	12,076	12,507	12,481
4215	Metals & minerals, ex. petroleum	8,024	8,282	8,005	8,395	8,258	8,471	8,413	8,444	8,571	8,541	8,604	8,559
4216	Electrical goods	14,587	14,821	14,971	14,966	15,198	15,273	15,581	15,695	15,487	15,243	15,186	15,325
4217	Hardware, & plumbing & heating equip. & supplies	4,622	4,664	4,692	4,832	4,708	4,719	4,841	4,753	4,851	4,901	4,858	4,892
4218	Machinery, equipment, & supplies	17,576	18,584	17,949	18,247	18,322	18,673	19,078	18,737	19,008	19,342	19,098	19,297
4219	Miscellaneous durable goods	12,715	13,032	12,927	13,030	12,865	12,339	13,020	13,142	13,432	12,983	13,321	12,938
422	Nondurable goods	92,883	93,899	93,886	91,710	92,829	91,942	91,150	92,356	92,398	92,611	92,020	92,410
4221	Paper & paper products	5,517	5,700	5,476	5,577	5,357	5,351	5,390	5,541	5,632	5,620	5,689	5,597
4222	Drugs & druggists' sundries	8,322	8,455	8,683	8,685	8,830	8,927	9,128	9,185	9,216	9,136	9,322	9,385
4223	Apparel, piece goods, & notions	6,925	7,000	6,864	7,093	6,954	6,887	7,184	7,181	7,097	6,972	7,103	7,201
4224	Groceries & related products	27,415	27,626	28,239	27,529	27,804	27,781	27,445	27,439	27,105	27,062	27,434	27,424
4225	Farm product raw materials	10,492	10,789	10,090	10,458	10,416	10,161	9,656	10,017	10,520	11,705	10,281	10,194
4226	Chemicals & allied products	4,476	4,558	4,609	4,643	4,620	4,754	4,796	4,724	4,808	4,716	4,645	4,680
4227	Petroleum & petroleum products	13,291	12,696	12,524	11,007	11,501	11,397	11,164	11,818	11,168	10,873	11,157	10,949
4228	Beer, wine, & distilled alcoholic beverages	4,651	4,716	4,831	4,589	4,851	4,784	4,898	4,926	4,975	4,905	4,880	5,173
4229	Miscellaneous nondurable goods	11,794	12,359	12,570	12,129	12,496	11,900	11,489	11,525	11,877	11,622	11,509	11,807
	Inventories, total	241,178	241,324	242,745	243,223	244,201	248,734	247,912	248,898	251,050	252,212	254,212	256,417
421	Durable goods	154,115	154,341	155,766	156,481	157,650	161,314	159,783	160,155	162,166	161,923	162,556	164,668
4211	Motor vehicle & motor vehicle parts & supplies	22,020	21,552	21,920	21,537	21,983	22,839	22,725	22,862	22,957	22,545	22,270	22,316
4212	Furniture & home furnishings	4,785	4,672	4,586	4,809	4,868	4,756	4,694	4,804	4,854	4,809	4,888	4,906
4213	Lumber & other construction materials	5,624	5,757	5,804	5,945	6,028	6,138	6,159	6,238	6,222	6,128	6,202	6,131
4214	Professional & commercial equip. & supplies	24,477	24,671	24,677	25,356	25,744	26,688	26,805	26,282	27,335	27,624	27,602	27,770
42143	Computer & computer peripheral equip. & software	11,268	11,415	11,447	11,773	12,190	13,063	13,087	12,730	13,570	13,698	13,271	13,489
4215	Metals & minerals, ex. petroleum	12,877	13,210	13,278	13,437	13,443	13,613	13,556	13,567	13,532	13,460	13,446	13,548
4216	Electrical goods	21,523	21,515	21,912	21,616	21,595	21,914	21,788	21,903	21,845	21,617	21,359	21,586
4217	Hardware, & plumbing & heating equip. & supplies	8,590	8,614	8,408	8,658	8,672	8,658	8,552	8,596	8,728	8,701	8,746	8,757
4218	Machinery, equipment, & supplies	37,983	38,045	38,485	38,946	39,552	40,322	39,050	39,125	39,805	40,460	41,079	42,042
4219	Miscellaneous durable goods	16,236	16,305	16,696	16,177	15,765	16,386	16,454	16,778	16,888	16,579	16,964	17,612
422	Nondurable goods	87,063	86,983	86,979	86,742	86,551	87,420	88,129	88,743	88,884	90,289	91,656	91,749
4221	Paper & paper products	5,374	5,410	5,398	5,428	5,520	5,382	5,668	5,867	5,795	5,778	5,836	5,921
4222	Drugs & druggists' sundries	12,064	11,857	12,120	11,877	12,077	12,352	12,502	13,004	13,099	12,833	13,303	13,460
4223	Apparel, piece goods, & notions	12,261	12,428	12,575	12,645	12,758	13,016	13,071	13,070	13,036	13,647	13,640	13,589
4224	Groceries & related products	18,308	18,191	18,220	17,994	18,200	18,338	18,294	18,222	18,216	18,848	19,009	19,062
4225	Farm product raw materials	9,596	9,876	9,772	9,965	9,699	9,783	10,207	9,739	9,448	10,354	10,958	10,055
4226	Chemicals & allied products	5,373	5,390	5,433	5,363	5,217	5,561	5,594	5,593	5,583	5,605	5,672	5,568
4227	Petroleum & petroleum products	4,416	4,363	4,201	4,099	3,915	3,883	3,841	3,937	3,957	3,930	3,987	3,987
4228	Beer, wine, & distilled alcoholic beverages	5,069	4,940	4,806	4,974	4,817	5,047	4,981	5,023	5,163	5,069	5,133	5,463
4229	Miscellaneous nondurable goods	14,602	14,528	14,454	14,397	14,168	14,026	13,929	14,384	14,607	14,198	14,175	14,644
	Inventories/sales ratios, total	1.26	1.24	1.25	1.26	1.26	1.28	1.28	1.28	1.28	1.28	1.30	1.31
421	Durable goods	1.57	1.52	1.56	1.55	1.56	1.58	1.55	1.57	1.56	1.56	1.57	1.60
4211	Motor vehicle & motor vehicle parts & supplies	1.59	1.53	1.55	1.57	1.54	1.59	1.63	1.73	1.62	1.60	1.60	1.73
4212	Furniture & home furnishings	1.50	1.38	1.45	1.49	1.56	1.52	1.47	1.52	1.43	1.42	1.48	1.46
4213	Lumber & other construction materials	1.14	1.11	1.14	1.14	1.20	1.19	1.20	1.21	1.21	1.21	1.24	1.19
4214	Professional & commercial equip. & supplies	1.31	1.27	1.29	1.30	1.32	1.34	1.36	1.35	1.36	1.37	1.34	1.34
42143	Computer & computer peripheral equip. & software	1.02	1.00	1.03	1.01	1.05	1.10	1.11	1.07	1.10	1.13	1.06	1.08
4215	Metals & minerals, ex. petroleum	1.60	1.60	1.66	1.60	1.63	1.61	1.61	1.61	1.58	1.58	1.56	1.58
4216	Electrical goods	1.48	1.45	1.46	1.44	1.42	1.43	1.40	1.40	1.41	1.42	1.41	1.41
4217	Hardware, & plumbing & heating equip. & supplies	1.86	1.85	1.79	1.79	1.84	1.83	1.77	1.81	1.80	1.78	1.80	1.79
4218	Machinery, equipment, & supplies	2.16	2.05	2.14	2.13	2.16	2.16	2.05	2.09	2.09	2.09	2.15	2.18
4219	Miscellaneous durable goods	1.28	1.25	1.29	1.24	1.23	1.33	1.26	1.28	1.26	1.28	1.27	1.36
422	Nondurable goods	0.94	0.93	0.93	0.95	0.93	0.95	0.97	0.96	0.96	0.97	1.00	0.99
4221	Paper & paper products	0.97	0.95	0.99	0.97	1.03	1.01	1.05	1.06	1.03	1.03	1.03	1.06
4222	Drugs & druggists' sundries	1.45	1.40	1.40	1.37	1.37	1.38	1.37	1.42	1.42	1.40	1.43	1.43
4223	Apparel, piece goods, & notions	1.77	1.78	1.83	1.78	1.83	1.89	1.82	1.82	1.84	1.96	1.92	1.89
4224	Groceries & related products	0.67	0.66	0.65	0.65	0.65	0.66	0.67	0.66	0.67	0.70	0.69	0.70
4225	Farm product raw materials	0.91	0.92	0.97	0.95	0.93	0.96	1.06	0.97	0.90	0.88	1.07	0.99
4226	Chemicals & allied products	1.20	1.18	1.18	1.16	1.13	1.17	1.17	1.18	1.16	1.19	1.22	1.19
4227	Petroleum & petroleum products	0.33	0.34	0.34	0.37	0.36	0.34	0.35	0.33	0.35	0.36	0.35	0.36
4228	Beer, wine, & distilled alcoholic beverages	1.09	1.05	0.99	1.08	0.99	1.05	1.02	1.02	1.04	1.03	1.05	1.06
4229	Miscellaneous nondurable goods	1.24	1.18	1.15	1.19	1.13	1.18	1.21	1.25	1.23	1.22	1.23	1.24

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	1997												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	183,724	178,387	196,672	195,113	196,698	196,145	196,895	191,839	202,506	211,516	184,931	200,069	2,334,495
421	Durable goods	92,009	91,651	102,323	101,736	101,431	104,325	104,308	101,341	109,713	112,768	97,311	104,861	1,223,777
4211	Motor vehicle & motor vehicle parts & supplies	12,688	12,759	14,811	14,465	14,581	14,626	14,385	13,028	13,885	14,909	13,205	13,332	166,674
4212	Furniture & home furnishings	2,903	2,993	3,183	3,214	3,149	3,136	3,172	3,148	3,670	3,774	3,269	3,387	38,998
4213	Lumber & other construction materials	4,353	4,352	4,869	5,355	5,352	5,541	5,685	5,582	5,456	5,666	4,507	4,583	61,301
4214	Professional & commercial equip. & supplies	17,990	17,524	19,822	18,887	18,735	20,404	19,716	19,257	21,877	21,572	18,721	22,673	237,178
42143	Computer & computer peripheral equip. & software	10,690	10,348	11,816	11,219	10,800	12,372	11,751	11,714	13,390	12,813	11,381	13,766	142,060
4215	Metals & minerals, ex. petroleum	8,080	7,835	8,213	8,764	8,431	8,640	8,396	8,419	8,760	9,122	7,778	8,114	100,552
4216	Electrical goods	13,610	13,472	15,181	14,502	14,803	15,334	15,861	15,852	16,943	16,920	14,563	15,294	182,335
4217	Hardware, & plumbing & heating equip. & supplies	4,229	4,053	4,415	4,818	4,802	5,096	5,291	4,858	5,132	5,430	4,576	4,554	57,254
4218	Machinery, equipment, & supplies	16,662	16,986	18,721	19,196	19,073	19,271	19,212	18,081	19,255	20,444	17,131	19,818	223,850
4219	Miscellaneous durable goods	11,494	11,677	13,108	12,535	12,505	12,277	12,590	13,116	14,735	14,931	13,561	13,106	155,635
422	Nondurable goods	91,715	86,736	94,349	93,377	95,267	91,820	92,587	90,498	92,793	98,748	87,620	95,208	1,110,718
4221	Paper & paper products	5,484	5,244	5,558	5,650	5,191	5,314	5,455	5,685	5,908	6,165	5,336	5,502	66,492
4222	Drugs & druggists' sundries	8,905	7,855	8,527	8,850	8,618	8,597	9,192	8,680	9,428	9,894	8,763	10,070	107,379
4223	Apparel, piece goods, & notions	6,669	7,224	7,372	6,873	5,953	6,618	7,838	7,619	7,920	8,046	6,393	5,833	84,358
4224	Groceries & related products	26,702	24,891	28,521	27,171	29,027	27,920	28,378	27,302	27,024	28,280	26,584	28,411	330,211
4225	Farm product raw materials	11,594	10,401	10,140	10,343	10,197	9,267	9,038	8,835	10,320	12,969	10,425	11,723	125,252
4226	Chemicals & allied products	4,449	4,275	4,618	4,810	4,870	4,916	4,926	4,748	4,774	4,975	4,264	4,423	56,048
4227	Petroleum & petroleum products	13,716	11,947	12,036	11,315	11,743	11,089	11,086	11,865	11,000	11,525	10,700	11,486	139,508
4228	Beer, wine, & distilled alcoholic beverages	3,758	3,825	4,454	4,635	5,210	5,057	5,231	5,034	4,970	5,342	4,831	5,965	58,312
4229	Miscellaneous nondurable goods	10,438	11,074	13,123	13,730	14,458	13,042	11,443	10,730	11,449	11,552	10,324	11,795	143,158
	Inventories, total	245,518	243,938	243,587	244,613	242,502	245,596	246,693	244,577	247,204	254,629	256,706	257,323	X
421	Durable goods	153,639	154,405	155,526	157,740	158,781	161,601	161,966	160,549	161,347	161,561	161,417	162,191	X
4211	Motor vehicle & motor vehicle parts & supplies	22,328	22,436	22,227	21,925	22,181	22,542	22,543	22,176	22,544	22,477	22,404	21,647	X
4212	Furniture & home furnishings	4,689	4,565	4,508	4,684	4,849	4,827	4,811	4,982	5,024	4,872	4,849	4,798	X
4213	Lumber & other construction materials	5,506	5,769	5,966	6,094	6,185	6,328	6,276	6,269	6,203	5,901	5,985	5,892	X
4214	Professional & commercial equip. & supplies	24,722	24,474	24,628	25,584	25,538	26,341	27,100	26,124	26,925	27,955	27,933	27,770	X
42143	Computer & computer peripheral equip. & software	11,538	11,221	11,321	11,891	12,044	12,802	13,270	12,552	13,312	13,903	13,589	13,664	X
4215	Metals & minerals, ex. petroleum	13,006	13,210	13,397	13,504	13,470	13,654	13,719	13,567	13,410	13,204	13,137	13,711	X
4216	Electrical goods	21,458	21,450	21,430	21,443	21,595	22,199	22,398	22,472	21,998	21,379	21,188	21,176	X
4217	Hardware, & plumbing & heating equip. & supplies	8,427	8,580	8,509	8,805	8,871	8,753	8,595	8,648	8,702	8,579	8,589	8,608	X
4218	Machinery, equipment, & supplies	37,413	37,893	38,716	39,686	40,264	40,604	39,675	39,164	39,248	40,217	40,504	41,453	X
4219	Miscellaneous durable goods	16,090	16,028	16,145	16,015	15,828	16,353	16,849	17,147	17,293	16,977	16,828	17,136	X
422	Nondurable goods	91,879	89,533	88,061	86,873	83,721	83,995	84,727	84,028	85,857	93,068	95,289	95,132	X
4221	Paper & paper products	5,508	5,394	5,425	5,526	5,459	5,377	5,679	5,773	5,754	5,772	5,772	5,974	X
4222	Drugs & druggists' sundries	12,921	12,023	12,108	11,925	11,497	11,994	12,402	12,601	12,942	13,090	13,356	13,716	X
4223	Apparel, piece goods, & notions	12,800	12,503	12,135	12,177	12,439	13,211	13,476	13,358	13,219	13,470	13,204	13,671	X
4224	Groceries & related products	18,308	17,718	17,965	17,742	18,000	18,136	18,166	17,821	18,325	19,809	19,712	19,234	X
4225	Farm product raw materials	12,360	11,871	10,691	9,845	9,809	7,494	7,451	6,749	7,228	12,083	13,862	12,509	X
4226	Chemicals & allied products	5,357	5,460	5,509	5,395	5,285	5,583	5,605	5,604	5,471	5,476	5,621	5,585	X
4227	Petroleum & petroleum products	4,403	4,267	4,071	4,066	4,087	3,786	3,833	3,856	3,968	4,096	4,032	4,138	X
4228	Beer, wine, & distilled alcoholic beverages	4,729	4,737	4,662	4,994	4,725	5,103	5,091	5,033	5,395	5,500	5,456	5,031	X
4229	Miscellaneous nondurable goods	15,493	15,560	15,495	15,203	14,140	13,311	13,024	13,233	13,555	13,772	14,274	15,274	X
	Inventories/sales ratios, total	1.34	1.37	1.24	1.25	1.23	1.25	1.25	1.27	1.22	1.20	1.39	1.29	X
421	Durable goods	1.67	1.68	1.52	1.55	1.57	1.55	1.55	1.58	1.47	1.43	1.66	1.55	X
4211	Motor vehicle & motor vehicle parts & supplies	1.76	1.76	1.50	1.52	1.52	1.54	1.57	1.70	1.62	1.51	1.70	1.62	X
4212	Furniture & home furnishings	1.62	1.53	1.42	1.46	1.54	1.54	1.52	1.58	1.37	1.29	1.48	1.42	X
4213	Lumber & other construction materials	1.26	1.33	1.23	1.14	1.16	1.14	1.10	1.12	1.14	1.04	1.33	1.29	X
4214	Professional & commercial equip. & supplies	1.37	1.40	1.24	1.35	1.36	1.29	1.37	1.36	1.23	1.30	1.49	1.22	X
42143	Computer & computer peripheral equip. & software	1.08	1.08	0.96	1.06	1.12	1.03	1.13	1.07	0.99	1.09	1.19	0.99	X
4215	Metals & minerals, ex. petroleum	1.61	1.69	1.63	1.54	1.60	1.58	1.63	1.61	1.53	1.45	1.69	1.69	X
4216	Electrical goods	1.58	1.59	1.41	1.48	1.46	1.45	1.41	1.42	1.30	1.26	1.45	1.38	X
4217	Hardware, & plumbing & heating equip. & supplies	1.99	2.12	1.93	1.83	1.85	1.72	1.62	1.78	1.70	1.58	1.88	1.89	X
4218	Machinery, equipment, & supplies	2.25	2.23	2.07	2.07	2.11	2.11	2.07	2.17	2.04	1.97	2.36	2.09	X
4219	Miscellaneous durable goods	1.40	1.37	1.23	1.28	1.27	1.33	1.34	1.31	1.17	1.14	1.24	1.31	X
422	Nondurable goods	1.00	1.03	0.93	0.93	0.88	0.91	0.92	0.93	0.93	0.94	1.09	1.00	X
4221	Paper & paper products	1.00	1.03	0.98	0.98	1.05	1.01	1.04	1.02	0.97	0.94	1.08	1.09	X
4222	Drugs & druggists' sundries	1.45	1.53	1.42	1.35	1.33	1.40	1.35	1.45	1.37	1.32	1.52	1.36	X
4223	Apparel, piece goods, & notions	1.92	1.73	1.65	1.77	2.09	2.00	1.72	1.75	1.67	1.67	2.07	2.34	X
4224	Groceries & related products	0.69	0.71	0.63	0.65	0.62	0.65	0.64	0.65	0.68	0.70	0.74	0.68	X
4225	Farm product raw materials	1.07	1.14	1.05	0.95	0.79	0.81	0.82	0.76	0.70	0.93	1.33	1.07	X
4226	Chemicals & allied products	1.20	1.28	1.19	1.12	1.09	1.14	1.14	1.18	1.15	1.10	1.32	1.26	X
4227	Petroleum & petroleum products	0.32	0.36	0.34	0.36	0.35	0.34	0.35	0.32	0.36	0.36	0.38	0.36	X
4228	Beer, wine, & distilled alcoholic beverages	1.26	1.24	1.05	1.08	0.91	1.01	0.97	1.00	1.09	1.03	1.13	0.84	X
4229	Miscellaneous nondurable goods	1.48	1.41	1.18	1.11	0.98	1.02	1.14	1.23	1.18	1.19	1.38	1.29	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1996											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	180,647	181,283	183,680	183,617	184,754	184,975	187,149	188,479	187,970	189,382	190,702	188,795
421	Durable goods	93,722	94,115	95,499	94,823	95,716	95,635	95,325	95,990	97,093	97,505	99,066	97,728
4211	Motor vehicle & motor vehicle parts & supplies	14,083	13,994	13,965	13,913	13,587	13,657	13,735	13,557	13,514	13,640	13,703	13,821
4212	Furniture & home furnishings	2,798	2,905	2,886	2,922	3,073	3,136	3,071	3,023	3,105	3,061	3,190	3,184
4213	Lumber & other construction materials	4,586	4,651	4,789	4,725	4,848	4,986	4,919	5,026	5,114	5,044	5,127	4,991
4214	Professional & commercial equip. & supplies	17,292	17,768	18,052	17,926	18,630	18,384	18,385	18,590	18,588	18,328	18,987	18,450
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	7,843	7,795	7,516	7,817	7,990	7,779	7,756	7,919	7,671	7,856	8,205	8,006
4216	Electrical goods	14,557	14,364	14,716	14,244	13,960	14,211	14,126	14,095	14,369	14,375	14,381	13,542
4217	Hardware, & plumbing & heating equip. & supplies	4,357	4,313	4,399	4,360	4,367	4,499	4,437	4,512	4,780	4,709	4,697	4,666
4218	Machinery, equipment, & supplies	16,724	16,679	17,120	17,222	16,844	16,772	16,674	16,796	17,105	17,639	18,105	18,038
4219	Miscellaneous durable goods	11,482	11,646	12,056	11,694	12,417	12,211	12,222	12,472	12,847	12,853	12,671	13,030
422	Nondurable goods	86,925	87,168	88,181	88,794	89,038	89,340	91,824	92,489	90,877	91,877	91,636	91,067
4221	Paper & paper products	5,361	5,428	5,415	5,408	5,443	5,340	5,436	5,433	5,318	5,334	5,327	5,402
4222	Drugs & druggists' sundries	7,422	7,383	7,422	7,566	7,654	7,735	7,812	7,890	8,206	8,269	8,227	8,291
4223	Apparel, piece goods, & notions	5,093	5,238	5,913	5,908	5,998	6,294	6,332	6,207	6,533	6,437	6,364	6,719
4224	Groceries & related products	26,599	26,456	26,180	25,950	26,060	25,703	26,906	26,957	26,158	27,028	26,750	25,946
4225	Farm product raw materials	10,992	11,073	11,617	11,307	11,077	11,639	12,087	12,439	11,533	10,849	11,139	11,035
4226	Chemicals & allied products	4,297	4,288	4,364	4,498	4,523	4,472	4,487	4,519	4,509	4,508	4,460	4,433
4227	Petroleum & petroleum products	11,046	11,330	11,608	11,808	11,491	11,723	12,011	12,702	12,011	12,702	12,750	12,989
4228	Beer, wine, & distilled alcoholic beverages	4,635	4,697	4,578	4,624	4,685	4,668	4,675	4,718	4,600	4,602	4,686	4,621
4229	Miscellaneous nondurable goods	11,480	11,275	11,084	11,731	11,790	11,998	12,449	12,603	12,009	12,148	11,933	11,631
	Inventories, total	237,393	237,092	237,061	240,556	240,289	239,527	239,944	239,636	237,591	238,316	238,614	238,782
421	Durable goods	150,988	150,685	150,481	151,489	150,979	150,717	151,482	152,169	152,559	152,381	153,029	153,191
4211	Motor vehicle & motor vehicle parts & supplies	21,992	22,242	21,336	22,278	22,100	22,177	22,423	22,241	21,593	22,016	22,295	21,584
4212	Furniture & home furnishings	4,655	4,758	4,801	4,694	4,749	4,786	4,791	4,816	4,740	4,796	4,771	
4213	Lumber & other construction materials	5,346	5,352	5,355	5,342	5,361	5,453	5,446	5,566	5,744	5,621	5,612	5,661
4214	Professional & commercial equip. & supplies	23,787	23,557	23,931	23,694	23,664	23,744	23,507	24,144	24,560	23,629	24,239	24,614
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	12,103	11,982	12,000	11,928	11,937	11,786	11,968	12,104	12,043	12,334	12,503	12,704
4216	Electrical goods	22,346	22,173	22,127	22,378	22,456	21,588	21,544	21,297	21,014	21,163	21,413	21,273
4217	Hardware, & plumbing & heating equip. & supplies	8,041	8,065	8,095	8,102	8,150	8,137	8,315	8,305	8,283	8,448	8,449	8,578
4218	Machinery, equipment, & supplies	36,377	36,472	36,694	36,608	36,451	36,783	37,094	37,286	38,132	37,619	37,463	37,671
4219	Miscellaneous durable goods	16,341	16,084	16,142	16,465	16,111	16,263	16,394	16,434	16,374	16,811	16,259	16,335
422	Nondurable goods	86,405	86,407	86,580	89,067	89,310	88,810	88,462	87,467	85,032	85,935	85,585	85,591
4221	Paper & paper products	5,321	5,232	5,244	5,242	5,249	5,302	5,223	5,226	5,428	5,288	5,164	5,282
4222	Drugs & druggists' sundries	10,484	10,649	10,614	10,874	10,699	10,793	11,065	11,095	10,656	11,370	11,589	11,852
4223	Apparel, piece goods, & notions	11,583	11,805	11,542	11,935	11,949	11,879	11,823	11,599	11,687	11,497	11,185	12,004
4224	Groceries & related products	18,517	18,437	18,736	18,805	18,677	18,709	19,003	19,083	18,812	18,605	18,278	18,246
4225	Farm product raw materials	12,052	11,918	12,049	12,825	13,323	13,009	11,843	11,186	9,539	9,673	9,604	9,463
4226	Chemicals & allied products	4,972	5,087	5,127	5,212	5,034	5,019	4,993	5,169	5,130	5,280	5,544	5,325
4227	Petroleum & petroleum products	4,133	4,176	4,224	4,222	4,056	3,992	4,046	4,236	4,156	4,333	4,379	4,513
4228	Beer, wine, & distilled alcoholic beverages	4,696	4,717	4,900	4,938	4,929	4,994	5,103	4,962	5,021	5,181	5,178	5,052
4229	Miscellaneous nondurable goods	14,647	14,386	14,144	15,014	15,394	15,113	15,363	14,911	14,603	14,708	14,664	13,854
	Inventories/sales ratios, total	1.31	1.31	1.29	1.31	1.30	1.29	1.28	1.27	1.26	1.26	1.25	1.26
421	Durable goods	1.61	1.60	1.58	1.60	1.58	1.58	1.59	1.59	1.57	1.56	1.54	1.57
4211	Motor vehicle & motor vehicle parts & supplies	1.56	1.59	1.53	1.60	1.63	1.62	1.63	1.64	1.60	1.61	1.63	1.56
4212	Furniture & home furnishings	1.66	1.64	1.66	1.61	1.55	1.53	1.56	1.59	1.55	1.55	1.50	1.50
4213	Lumber & other construction materials	1.17	1.15	1.12	1.13	1.11	1.09	1.11	1.11	1.12	1.11	1.09	1.13
4214	Professional & commercial equip. & supplies	1.38	1.33	1.33	1.32	1.27	1.29	1.28	1.30	1.32	1.29	1.28	1.33
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	1.54	1.54	1.60	1.53	1.49	1.52	1.54	1.53	1.57	1.57	1.52	1.59
4216	Electrical goods	1.54	1.54	1.50	1.57	1.61	1.52	1.53	1.51	1.46	1.47	1.49	1.57
4217	Hardware, & plumbing & heating equip. & supplies	1.85	1.87	1.84	1.86	1.87	1.81	1.87	1.84	1.73	1.79	1.80	1.84
4218	Machinery, equipment, & supplies	2.18	2.19	2.14	2.13	2.16	2.19	2.22	2.22	2.23	2.13	2.07	2.09
4219	Miscellaneous durable goods	1.42	1.38	1.34	1.41	1.30	1.33	1.34	1.32	1.27	1.31	1.28	1.25
422	Nondurable goods	0.99	0.99	0.98	1.00	1.00	0.99	0.96	0.95	0.94	0.94	0.93	0.94
4221	Paper & paper products	0.99	0.96	0.97	0.97	0.96	0.99	0.96	0.96	1.02	0.99	0.97	0.98
4222	Drugs & druggists' sundries	1.41	1.44	1.43	1.44	1.40	1.40	1.42	1.41	1.30	1.38	1.41	1.43
4223	Apparel, piece goods, & notions	2.27	2.25	1.95	2.02	1.99	1.89	1.87	1.87	1.79	1.79	1.76	1.79
4224	Groceries & related products	0.70	0.70	0.72	0.72	0.72	0.73	0.71	0.71	0.72	0.69	0.68	0.70
4225	Farm product raw materials	1.10	1.08	1.04	1.13	1.20	1.12	0.98	0.90	0.83	0.89	0.86	0.86
4226	Chemicals & allied products	1.16	1.19	1.17	1.16	1.11	1.12	1.11	1.14	1.14	1.17	1.24	1.20
4227	Petroleum & petroleum products	0.37	0.37	0.36	0.36	0.34	0.35	0.35	0.36	0.35	0.34	0.34	0.35
4228	Beer, wine, & distilled alcoholic beverages	1.01	1.00	1.07	1.07	1.05	1.07	1.09	1.05	1.09	1.13	1.10	1.09
4229	Miscellaneous nondurable goods	1.28	1.28	1.28	1.28	1.31	1.26	1.23	1.18	1.22	1.21	1.23	1.19

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1996												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	174,993	172,716	185,519	186,192	191,663	181,631	189,335	192,262	187,089	205,354	185,427	187,603	2,239,784
421	Durable goods	88,582	88,747	97,501	95,573	98,129	94,806	96,365	98,836	98,746	106,955	95,919	96,458	1,156,617
4211	Motor vehicle & motor vehicle parts & supplies	12,900	13,196	14,915	14,525	14,239	13,671	14,065	13,584	12,744	14,513	13,374	13,987	165,713
4212	Furniture & home furnishings	2,538	2,707	2,889	2,983	3,156	2,992	3,037	3,150	3,232	3,450	3,251	3,152	36,537
4213	Lumber & other construction materials	4,059	4,074	4,607	4,824	5,323	5,161	5,381	5,644	5,227	5,680	4,835	4,277	59,092
4214	Professional & commercial equip. & supplies	17,050	16,773	18,630	17,406	18,239	18,219	18,477	18,962	19,406	19,648	18,057	19,373	220,240
42143	Computer & computer peripheral equip. & software	NA												
4215	Metals & minerals, ex. petroleum	7,843	7,670	7,794	8,138	8,493	7,725	7,647	8,117	7,617	8,422	7,581	7,406	94,453
4216	Electrical goods	13,713	13,617	14,819	13,831	13,876	13,913	14,338	14,659	15,246	16,172	14,194	13,149	171,527
4217	Hardware, & plumbing & heating equip. & supplies	3,969	3,899	4,144	4,351	4,529	4,697	4,841	4,765	4,919	5,284	4,598	4,279	54,275
4218	Machinery, equipment, & supplies	16,038	15,945	17,719	18,324	17,956	16,571	16,907	16,947	16,609	18,786	16,838	17,948	206,588
4219	Miscellaneous durable goods	10,472	10,866	11,984	11,191	12,318	11,857	11,672	13,008	13,746	15,000	13,191	12,887	148,192
422	Nondurable goods	86,411	83,969	88,018	90,619	93,534	86,825	92,970	93,426	88,343	98,399	89,508	91,145	1,083,167
4221	Paper & paper products	5,361	5,184	5,480	5,419	5,454	5,185	5,550	5,705	5,398	5,878	5,087	5,143	64,844
4222	Drugs & druggists' sundries	7,979	7,169	7,266	7,717	7,754	7,147	7,859	7,724	8,083	9,021	8,046	8,556	94,321
4223	Apparel, piece goods, & notions	4,915	5,647	6,268	5,571	5,224	5,992	6,756	6,902	7,043	7,679	5,861	5,254	73,112
4224	Groceries & related products	26,173	24,948	26,023	25,872	27,493	25,266	27,848	27,577	25,583	28,325	26,456	317,821	
4225	Farm product raw materials	12,586	11,139	11,710	11,273	11,132	10,324	11,410	11,469	10,587	12,249	11,518	12,128	137,525
4226	Chemicals & allied products	4,263	4,198	4,425	4,642	4,935	4,530	4,554	4,664	4,320	4,756	4,237	4,065	53,589
4227	Petroleum & petroleum products	11,344	10,990	11,411	12,109	12,481	10,767	11,628	11,934	11,555	13,197	12,737	13,340	143,493
4228	Beer, wine, & distilled alcoholic beverages	3,699	3,983	4,262	4,619	5,219	4,836	4,941	5,062	4,365	5,012	4,850	5,097	55,945
4229	Miscellaneous nondurable goods	10,091	10,711	11,173	13,397	13,842	12,778	12,424	12,389	11,409	12,282	10,716	11,305	142,517
	Inventories, total	242,616	240,283	237,892	242,030	238,108	235,566	238,241	234,793	233,674	240,608	240,694	239,497	X
421	Durable goods	150,631	150,733	149,960	152,625	152,099	150,852	153,650	152,672	151,811	152,159	151,951	150,810	X
4211	Motor vehicle & motor vehicle parts & supplies	22,322	23,154	21,528	22,701	22,321	21,867	22,266	21,574	21,183	21,972	22,496	20,872	X
4212	Furniture & home furnishings	4,562	4,663	4,748	4,595	4,749	4,858	4,887	4,955	4,970	4,778	4,758	4,666	X
4213	Lumber & other construction materials	5,260	5,389	5,542	5,460	5,495	5,611	5,517	5,566	5,710	5,402	5,421	5,480	X
4214	Professional & commercial equip. & supplies	24,072	23,298	23,883	23,884	23,475	23,435	23,860	24,047	24,167	23,889	24,433	24,639	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	12,224	11,946	12,096	12,011	11,949	11,845	12,112	12,092	11,935	12,112	12,165	12,869	X
4216	Electrical goods	22,234	22,084	21,574	22,199	22,478	21,890	22,169	21,915	21,203	20,951	21,199	20,805	X
4217	Hardware, & plumbing & heating equip. & supplies	7,888	8,033	8,200	8,224	8,337	8,186	8,340	8,355	8,283	8,355	8,305	8,441	X
4218	Machinery, equipment, & supplies	35,940	36,436	36,877	37,267	37,071	36,930	37,613	37,323	37,560	37,469	37,013	37,144	X
4219	Miscellaneous durable goods	16,129	15,730	15,512	16,284	16,224	16,230	16,886	16,845	16,800	17,231	16,161	15,894	X
422	Nondurable goods	91,985	89,550	87,932	89,405	86,009	84,714	84,591	82,121	81,863	88,449	88,743	88,687	X
4221	Paper & paper products	5,502	5,232	5,265	5,342	5,155	5,307	5,228	5,116	5,363	5,293	5,097	5,330	X
4222	Drugs & druggists' sundries	11,281	10,862	10,582	10,885	10,153	10,426	10,943	10,740	10,549	11,597	11,647	12,089	X
4223	Apparel, piece goods, & notions	12,069	11,864	11,173	11,458	11,579	12,081	12,178	11,854	11,874	11,359	10,838	12,124	X
4224	Groceries & related products	18,573	17,939	18,436	18,542	18,453	18,522	18,851	18,587	18,962	19,591	18,936	18,447	X
4225	Farm product raw materials	15,667	14,564	13,314	12,774	11,191	9,991	8,740	7,696	7,126	11,027	12,044	11,782	X
4226	Chemicals & allied products	4,937	5,168	5,209	5,233	5,115	5,054	4,978	5,200	5,033	5,164	5,483	5,325	X
4227	Petroleum & petroleum products	4,108	4,076	4,076	4,188	4,056	3,856	4,006	4,278	4,485	4,480	4,480	4,671	X
4228	Beer, wine, & distilled alcoholic beverages	4,395	4,524	4,743	4,963	4,821	5,014	5,210	4,962	5,257	5,652	5,525	4,663	X
4229	Miscellaneous nondurable goods	15,453	15,321	15,134	16,020	15,486	14,463	14,457	13,688	13,493	14,281	14,693	14,256	X
	Inventories/sales ratios, total .	1.39	1.39	1.28	1.30	1.24	1.30	1.26	1.22	1.25	1.17	1.30	1.28	X
421	Durable goods	1.70	1.70	1.54	1.60	1.55	1.59	1.59	1.54	1.54	1.42	1.58	1.56	X
4211	Motor vehicle & motor vehicle parts & supplies	1.73	1.75	1.44	1.56	1.57	1.60	1.58	1.59	1.66	1.51	1.68	1.49	X
4212	Furniture & home furnishings	1.80	1.72	1.64	1.54	1.50	1.62	1.61	1.57	1.54	1.38	1.46	1.48	X
4213	Lumber & other construction materials	1.30	1.32	1.20	1.13	1.03	1.09	1.03	0.99	1.09	0.95	1.12	1.28	X
4214	Professional & commercial equip. & supplies	1.41	1.39	1.28	1.37	1.29	1.29	1.29	1.27	1.25	1.22	1.35	1.27	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	1.56	1.56	1.55	1.48	1.41	1.53	1.58	1.49	1.57	1.44	1.60	1.74	X
4216	Electrical goods	1.62	1.62	1.46	1.61	1.62	1.57	1.55	1.49	1.39	1.30	1.49	1.58	X
4217	Hardware, & plumbing & heating equip. & supplies	1.99	2.06	1.98	1.89	1.84	1.74	1.72	1.75	1.68	1.58	1.81	1.97	X
4218	Machinery, equipment, & supplies	2.24	2.29	2.08	2.03	2.06	2.23	2.22	2.20	2.26	1.99	2.20	2.07	X
4219	Miscellaneous durable goods	1.54	1.45	1.29	1.46	1.32	1.37	1.45	1.29	1.22	1.15	1.23	1.23	X
422	Nondurable goods	1.06	1.07	1.00	0.99	0.92	0.98	0.91	0.88	0.93	0.90	0.99	0.97	X
4221	Paper & paper products	1.03	1.01	0.96	0.99	0.95	1.02	0.94	0.90	0.99	0.90	1.00	1.04	X
4222	Drugs & druggists' sundries	1.41	1.52	1.46	1.41	1.31	1.46	1.39	1.31	1.29	1.45	1.41	1.41	X
4223	Apparel, piece goods, & notions	2.46	2.10	1.78	2.06	2.22	2.02	1.80	1.72	1.69	1.48	1.85	2.31	X
4224	Groceries & related products	0.71	0.72	0.71	0.72	0.67	0.73	0.68	0.67	0.74	0.69	0.72	0.70	X
4225	Farm product raw materials	1.24	1.31	1.14	1.13	1.01	0.97	0.77	0.67	0.67	0.90	1.05	0.97	X
4226	Chemicals & allied products	1.16	1.23	1.18	1.13	1.04	1.12	1.09	1.11	1.17	1.09	1.29	1.31	X
4227	Petroleum & petroleum products	0.36	0.37	0.36	0.35	0.32	0.36	0.34	0.36	0.36	0.34	0.35	0.35	X
4228	Beer, wine, & distilled alcoholic beverages	1.19	1.14	1.11	1.07	0.92	1.04	1.05	0.98	1.20	1.13	1.14	0.91	X
4229	Miscellaneous nondurable goods	1.53	1.43	1.35	1.20	1.12	1.13	1.16	1.10	1.18	1.16	1.37	1.26	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1995											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	171,989	173,509	171,765	174,247	174,973	176,509	176,413	177,577	178,342	179,075	181,040	183,607
421	Durable goods	90,345	91,109	90,002	90,820	91,907	91,999	91,680	92,756	93,398	93,569	94,714	96,685
4211	Motor vehicle & motor vehicle parts & supplies	13,442	13,237	13,230	13,570	14,178	13,779	13,497	13,668	13,577	13,346	13,686	13,770
4212	Furniture & home furnishings	2,867	2,851	2,985	2,946	2,953	2,853	2,896	2,900	2,831	2,833	2,917	2,931
4213	Lumber & other construction materials	4,784	4,732	4,653	4,635	4,623	4,525	4,457	4,547	4,550	4,642	4,530	4,642
4214	Professional & commercial equip. & supplies	15,649	15,617	15,823	15,840	16,369	16,554	16,589	16,601	16,994	17,277	17,213	17,712
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	8,071	7,972	8,017	8,122	7,794	7,723	7,923	7,801	8,003	7,938	8,011	7,917
4216	Electrical goods	13,346	13,596	13,424	13,650	13,774	13,886	13,911	14,146	14,538	14,437	14,708	14,733
4217	Hardware, & plumbing & heating equip. & supplies	4,298	4,278	4,282	4,266	4,278	4,322	4,352	4,361	4,416	4,337	4,358	4,570
4218	Machinery, equipment, & supplies	15,362	15,722	15,483	15,348	15,673	15,508	15,958	16,288	16,118	16,194	16,641	17,518
4219	Miscellaneous durable goods	12,526	13,104	12,105	12,443	12,265	12,849	12,097	12,444	12,371	12,565	12,650	12,892
422	Nondurable goods	81,644	82,400	81,763	83,427	83,066	84,510	84,733	84,821	84,944	85,506	86,326	86,922
4221	Paper & paper products	5,316	5,412	5,466	5,433	5,549	5,684	5,718	5,573	5,615	5,373	5,504	5,538
4222	Drugs & druggists' sundries	6,528	6,659	6,795	6,967	6,838	6,933	6,948	7,123	7,117	7,229	7,363	7,429
4223	Apparel, piece goods, & notions	5,481	5,577	5,445	5,547	5,605	5,670	5,738	5,663	5,666	5,805	5,769	5,880
4224	Groceries & related products	25,334	24,928	25,019	25,539	25,695	25,592	25,519	25,921	26,327	26,616	26,469	26,644
4225	Farm product raw materials	9,435	9,744	9,658	9,918	9,468	10,005	9,991	10,151	10,326	10,301	10,618	10,170
4226	Chemicals & allied products	4,063	4,148	4,058	4,202	4,198	4,181	4,190	4,149	4,171	4,264	4,365	4,374
4227	Petroleum & petroleum products	10,496	10,694	10,244	10,743	10,870	10,889	10,706	10,615	10,384	10,055	10,323	10,678
4228	Beer, wine, & distilled alcoholic beverages	4,423	4,339	4,239	4,272	4,294	4,402	4,331	4,460	4,380	4,460	4,496	4,498
4229	Miscellaneous nondurable goods	10,568	10,899	10,839	10,806	10,549	11,154	11,592	11,166	10,958	11,403	11,419	11,711
	Inventories, total	221,755	223,564	226,225	228,608	229,407	231,049	233,569	233,942	234,736	235,596	235,681	236,145
421	Durable goods	139,465	141,189	142,832	143,972	144,755	145,705	146,663	146,765	147,289	148,744	149,633	150,273
4211	Motor vehicle & motor vehicle parts & supplies	21,784	22,229	22,161	22,654	22,988	22,609	22,508	22,412	22,251	21,972	22,073	22,090
4212	Furniture & home furnishings	4,465	4,540	4,599	4,639	4,685	4,930	4,857	4,841	4,759	4,721	4,752	4,704
4213	Lumber & other construction materials	5,390	5,525	5,453	5,392	5,346	5,217	5,101	5,135	5,268	5,212	5,310	5,363
4214	Professional & commercial equip. & supplies	21,147	21,449	21,854	21,855	21,974	22,332	22,912	22,895	22,888	23,270	23,653	23,849
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	12,869	12,751	12,915	12,928	12,859	12,739	12,796	12,701	12,548	12,466	12,327	12,202
4216	Electrical goods	18,509	18,829	19,132	19,314	19,588	20,056	20,229	20,740	20,935	21,239	21,649	21,973
4217	Hardware, & plumbing & heating equip. & supplies	7,765	7,783	8,012	7,849	7,870	7,864	7,807	7,830	7,935	8,111	8,070	8,029
4218	Machinery, equipment, & supplies	31,887	32,325	32,529	33,112	33,191	33,617	34,069	34,273	35,489	35,489	35,436	35,829
4219	Miscellaneous durable goods	15,649	15,758	16,177	16,229	16,254	16,341	16,384	15,938	16,116	16,264	16,363	16,234
422	Nondurable goods	82,290	82,375	83,393	84,636	84,652	85,344	86,906	87,177	87,447	86,852	86,048	85,872
4221	Paper & paper products	4,962	5,104	5,149	5,251	5,234	5,308	5,320	5,351	5,343	5,411	5,326	5,352
4222	Drugs & druggists' sundries	10,760	10,510	10,977	11,143	11,271	11,287	11,071	11,044	11,045	10,839	10,629	10,462
4223	Apparel, piece goods, & notions	12,383	12,491	12,457	12,535	12,344	12,276	12,408	12,339	12,114	11,961	11,846	11,617
4224	Groceries & related products	18,005	17,693	17,859	18,181	18,119	18,151	18,483	18,332	18,713	18,612	18,332	18,360
4225	Farm product raw materials	9,897	9,912	10,131	9,847	10,041	10,488	11,687	12,453	12,134	11,703	11,850	11,879
4226	Chemicals & allied products	4,705	4,825	4,829	4,889	4,954	5,039	5,010	4,967	5,155	4,954	4,912	5,056
4227	Petroleum & petroleum products	4,149	4,235	4,304	4,382	4,460	4,410	4,381	4,242	4,200	4,072	4,050	4,105
4228	Beer, wine, & distilled alcoholic beverages	4,613	4,624	4,599	4,553	4,671	4,577	4,713	4,813	4,808	4,728	4,731	4,701
4229	Miscellaneous nondurable goods	12,816	12,981	13,088	13,855	13,558	13,808	13,833	13,636	13,935	14,572	14,372	14,340
	Inventories/sales ratios, total	1.29	1.29	1.32	1.31	1.31	1.31	1.32	1.32	1.32	1.32	1.30	1.29
421	Durable goods	1.54	1.55	1.59	1.59	1.58	1.58	1.60	1.58	1.58	1.59	1.58	1.55
4211	Motor vehicle & motor vehicle parts & supplies	1.62	1.68	1.68	1.67	1.62	1.64	1.67	1.64	1.64	1.65	1.61	1.60
4212	Furniture & home furnishings	1.56	1.59	1.54	1.57	1.59	1.73	1.68	1.67	1.68	1.67	1.63	1.60
4213	Lumber & other construction materials	1.13	1.17	1.17	1.16	1.16	1.15	1.14	1.13	1.16	1.12	1.17	1.16
4214	Professional & commercial equip. & supplies	1.35	1.37	1.38	1.38	1.34	1.35	1.38	1.38	1.35	1.35	1.37	1.35
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	1.59	1.60	1.61	1.59	1.65	1.65	1.62	1.63	1.57	1.57	1.54	1.54
4216	Electrical goods	1.39	1.38	1.43	1.41	1.42	1.44	1.45	1.47	1.44	1.47	1.47	1.49
4217	Hardware, & plumbing & heating equip. & supplies	1.81	1.82	1.87	1.84	1.84	1.82	1.79	1.80	1.80	1.87	1.85	1.76
4218	Machinery, equipment, & supplies	2.08	2.06	2.10	2.16	2.12	2.17	2.13	2.10	2.15	2.19	2.13	2.05
4219	Miscellaneous durable goods	1.25	1.20	1.34	1.30	1.33	1.27	1.35	1.28	1.30	1.29	1.29	1.26
422	Nondurable goods	1.01	1.00	1.02	1.01	1.02	1.01	1.03	1.03	1.03	1.02	1.00	0.99
4221	Paper & paper products	0.93	0.94	0.94	0.97	0.94	0.93	0.93	0.96	0.95	1.01	0.97	0.97
4222	Drugs & druggists' sundries	1.65	1.58	1.62	1.60	1.65	1.63	1.59	1.55	1.55	1.50	1.44	1.41
4223	Apparel, piece goods, & notions	2.26	2.24	2.29	2.26	2.20	2.17	2.16	2.18	2.14	2.06	2.05	1.98
4224	Groceries & related products	0.71	0.71	0.71	0.71	0.71	0.71	0.72	0.71	0.71	0.70	0.69	0.69
4225	Farm product raw materials	1.05	1.02	1.05	0.99	1.06	1.05	1.17	1.23	1.18	1.14	1.12	1.17
4226	Chemicals & allied products	1.16	1.16	1.19	1.16	1.18	1.21	1.20	1.24	1.24	1.16	1.13	1.16
4227	Petroleum & petroleum products	0.40	0.40	0.42	0.41	0.41	0.40	0.41	0.40	0.40	0.40	0.39	0.38
4228	Beer, wine, & distilled alcoholic beverages	1.04	1.07	1.08	1.07	1.09	1.04	1.09	1.08	1.10	1.06	1.05	1.05
4229	Miscellaneous nondurable goods	1.21	1.19	1.21	1.28	1.29	1.24	1.19	1.22	1.27	1.28	1.26	1.22

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1995												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	162,088	157,940	182,972	166,562	181,967	182,702	168,809	187,091	177,824	189,196	180,895	176,674	2,114,720
421	Durable goods	83,265	82,087	96,874	85,996	94,486	96,321	87,176	98,553	95,245	100,168	94,264	92,362	1,106,797
4211	Motor vehicle & motor vehicle parts & supplies	12,071	12,046	14,778	13,489	14,816	14,482	13,065	14,119	12,925	13,867	13,549	13,591	162,798
4212	Furniture & home furnishings	2,546	2,515	3,188	2,781	3,045	2,936	2,702	3,091	2,927	3,147	3,045	2,773	34,696
4213	Lumber & other construction materials	4,095	3,975	4,816	4,431	5,076	4,986	4,493	5,265	4,709	5,032	4,417	3,876	55,171
4214	Professional & commercial equip. & supplies	15,070	14,165	17,231	14,478	15,993	17,200	15,726	17,331	17,912	18,003	16,731	18,084	197,924
42143	Computer & computer peripheral equip. & software	NA												
4215	Metals & minerals, ex. petroleum	7,885	7,454	8,867	7,935	8,285	8,240	7,313	8,324	7,939	8,256	7,594	7,070	95,162
4216	Electrical goods	12,292	12,332	14,082	12,558	13,774	14,247	13,341	15,150	15,497	15,895	14,914	13,834	167,916
4217	Hardware, & plumbing & heating equip. & supplies	3,825	3,709	4,218	3,972	4,432	4,784	4,456	4,758	4,593	4,792	4,367	4,072	51,978
4218	Machinery, equipment, & supplies	14,333	14,307	17,093	15,041	16,849	16,469	15,096	16,988	15,667	16,890	15,859	16,660	191,252
4219	Miscellaneous durable goods	11,148	11,584	12,601	11,311	12,216	12,977	10,984	13,527	13,076	14,286	13,788	12,402	149,900
422	Nondurable goods	78,823	75,853	86,098	80,566	87,481	86,381	81,633	88,538	82,579	89,028	86,631	84,312	1,007,923
4221	Paper & paper products	5,194	4,963	5,788	5,145	5,604	5,826	5,524	6,030	5,654	5,781	5,432	5,128	66,069
4222	Drugs & druggists' sundries	6,802	6,186	7,128	6,570	6,927	6,912	6,455	7,251	6,996	7,677	7,496	7,332	83,732
4223	Apparel, piece goods, & notions	5,059	5,655	6,158	4,915	4,865	5,664	5,663	6,711	6,165	6,606	5,677	4,457	67,595
4224	Groceries & related products	24,397	22,485	25,870	24,466	27,185	26,078	25,545	26,828	25,748	27,281	26,787	26,378	309,048
4225	Farm product raw materials	10,445	9,393	10,460	9,154	9,856	9,325	8,782	9,989	9,417	11,146	11,085	10,536	119,588
4226	Chemicals & allied products	3,909	3,891	4,375	4,101	4,597	4,486	3,964	4,431	4,046	4,307	4,256	3,902	50,265
4227	Petroleum & petroleum products	10,527	10,074	10,582	10,453	11,348	10,824	10,117	10,965	10,072	10,387	10,302	10,827	126,478
4228	Beer, wine, & distilled alcoholic beverages	3,370	3,484	4,269	3,994	4,715	4,974	4,223	5,000	4,235	4,554	4,851	4,826	52,495
4229	Miscellaneous nondurable goods	9,120	9,722	11,468	11,768	12,384	12,292	11,360	11,333	10,246	11,289	10,745	10,926	132,653
	Inventories, total	226,409	226,345	226,749	229,889	227,755	227,712	231,967	228,814	230,060	237,890	238,224	237,415	X
421	Durable goods	139,210	141,196	142,213	144,905	145,840	145,711	148,744	147,333	146,644	148,657	148,703	147,918	X
4211	Motor vehicle & motor vehicle parts & supplies	22,089	23,118	23,316	23,107	23,195	22,270	22,305	21,695	21,828	21,972	22,382	21,383	X
4212	Furniture & home furnishings	4,380	4,467	4,571	4,560	4,713	4,999	4,930	4,981	4,892	4,730	4,719	4,610	X
4213	Lumber & other construction materials	5,347	5,580	5,688	5,500	5,480	5,353	5,142	5,109	5,205	5,009	5,124	5,224	X
4214	Professional & commercial equip. & supplies	21,443	21,213	21,788	21,964	21,842	22,042	23,301	22,849	22,522	23,526	23,748	23,897	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	12,985	12,662	13,005	13,031	12,859	12,854	12,962	12,676	12,460	12,279	11,957	12,361	X
4216	Electrical goods	18,398	18,716	18,596	19,140	19,627	20,337	20,856	21,362	21,165	21,069	21,433	21,446	X
4217	Hardware, & plumbing & heating equip. & supplies	7,617	7,767	8,108	7,943	8,051	7,864	7,830	7,885	7,951	8,038	7,925	7,909	X
4218	Machinery, equipment, & supplies	31,568	32,325	32,692	33,642	33,689	33,684	34,444	34,376	34,070	35,347	35,117	35,292	X
4219	Miscellaneous durable goods	15,383	15,348	15,449	16,018	16,384	16,308	16,974	16,400	16,551	16,687	16,298	15,796	X
422	Nondurable goods	87,199	85,149	84,536	84,984	81,915	82,001	83,223	81,481	83,416	89,233	89,521	89,497	X
4221	Paper & paper products	5,155	5,114	5,180	5,356	5,119	5,303	5,325	5,223	5,252	5,411	5,251	5,416	X
4222	Drugs & druggists' sundries	11,610	10,804	10,922	11,121	10,651	10,858	10,927	10,646	10,946	11,045	10,703	10,724	X
4223	Apparel, piece goods, & notions	12,854	12,516	12,108	11,971	11,912	12,509	12,768	12,610	12,356	11,829	11,467	11,780	X
4224	Groceries & related products	18,095	17,233	17,538	17,945	17,883	17,969	18,280	17,782	18,863	19,580	18,992	18,672	X
4225	Farm product raw materials	12,935	12,261	11,306	9,916	8,575	8,107	8,672	8,518	8,858	12,943	14,682	14,765	X
4226	Chemicals & allied products	4,649	4,902	4,916	4,913	5,043	5,089	4,975	5,027	5,057	4,840	4,853	5,031	X
4227	Petroleum & petroleum products	4,116	4,133	4,145	4,329	4,438	4,278	4,359	4,277	4,327	4,210	4,139	4,224	X
4228	Beer, wine, & distilled alcoholic beverages	4,341	4,439	4,456	4,580	4,573	4,563	4,803	4,803	5,015	5,182	5,062	4,344	X
4229	Miscellaneous nondurable goods	13,444	13,747	13,965	14,853	13,721	13,325	13,114	12,545	12,806	14,193	14,372	14,541	X
	Inventories/sales ratios, total	1.40	1.43	1.24	1.38	1.25	1.25	1.37	1.22	1.29	1.26	1.32	1.34	X
421	Durable goods	1.67	1.72	1.47	1.69	1.54	1.51	1.71	1.49	1.54	1.48	1.58	1.60	X
4211	Motor vehicle & motor vehicle parts & supplies	1.83	1.92	1.51	1.71	1.57	1.54	1.71	1.54	1.69	1.58	1.65	1.57	X
4212	Furniture & home furnishings	1.72	1.78	1.43	1.64	1.55	1.70	1.82	1.61	1.67	1.50	1.55	1.66	X
4213	Lumber & other construction materials	1.31	1.40	1.18	1.24	1.08	1.07	1.14	0.97	1.11	1.00	1.16	1.35	X
4214	Professional & commercial equip. & supplies	1.42	1.50	1.26	1.52	1.37	1.28	1.48	1.32	1.26	1.31	1.42	1.32	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	1.65	1.70	1.47	1.64	1.55	1.56	1.77	1.52	1.57	1.49	1.57	1.75	X
4216	Electrical goods	1.50	1.52	1.32	1.52	1.42	1.43	1.56	1.41	1.37	1.33	1.44	1.55	X
4217	Hardware, & plumbing & heating equip. & supplies	1.99	2.09	1.92	2.00	1.82	1.64	1.76	1.66	1.73	1.68	1.81	1.94	X
4218	Machinery, equipment, & supplies	2.20	2.26	1.91	2.24	2.00	2.05	2.28	2.02	2.17	2.09	2.21	2.12	X
4219	Miscellaneous durable goods	1.38	1.32	1.23	1.42	1.34	1.26	1.55	1.21	1.27	1.17	1.18	1.27	X
422	Nondurable goods	1.11	1.12	0.98	1.05	0.94	0.95	1.02	0.92	1.01	1.00	1.03	1.06	X
4221	Paper & paper products	0.99	1.03	0.89	1.04	0.91	0.91	0.96	0.87	0.93	0.94	0.97	1.06	X
4222	Drugs & druggists' sundries	1.71	1.75	1.53	1.69	1.54	1.57	1.69	1.47	1.56	1.44	1.43	1.46	X
4223	Apparel, piece goods, & notions	2.54	2.21	1.97	2.44	2.45	2.21	2.25	1.88	2.00	1.79	2.02	2.64	X
4224	Groceries & related products	0.74	0.77	0.68	0.73	0.66	0.69	0.72	0.66	0.73	0.72	0.71	0.71	X
4225	Farm product raw materials	1.24	1.31	1.08	1.08	0.87	0.87	0.99	0.85	0.94	1.16	1.32	1.40	X
4226	Chemicals & allied products	1.19	1.26	1.12	1.20	1.10	1.13	1.26	1.13	1.25	1.12	1.14	1.29	X
4227	Petroleum & petroleum products	0.39	0.41	0.39	0.41	0.39	0.40	0.43	0.39	0.42	0.41	0.40	0.39	X
4228	Beer, wine, & distilled alcoholic beverages	1.29	1.27	1.04	1.15	0.97	0.92	1.14	0.96	1.18	1.14	1.04	0.90	X
4229	Miscellaneous nondurable goods	1.47	1.41	1.22	1.26	1.11	1.08	1.15	1.11	1.25	1.26	1.34	1.33	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1994											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	153,649	154,307	157,063	156,658	157,825	159,359	160,764	165,445	164,606	167,360	167,970	170,352
421	Durable goods	78,490	79,061	80,383	80,877	81,763	82,363	83,348	86,757	86,091	87,796	88,151	89,453
4211	Motor vehicle & motor vehicle parts & supplies	13,116	13,547	13,387	13,562	13,239	13,309	13,619	14,834	13,392	13,789	14,089	13,731
4212	Furniture & home furnishings	2,437	2,489	2,462	2,484	2,441	2,501	2,615	2,689	2,740	2,818	2,764	2,850
4213	Lumber & other construction materials	4,451	4,388	4,541	4,526	4,688	4,661	4,822	4,710	4,694	4,793	4,809	4,943
4214	Professional & commercial equip. & supplies	13,320	13,096	13,363	13,250	13,238	13,242	13,611	13,957	14,086	14,362	14,587	15,255
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	6,616	6,888	7,063	7,070	7,348	7,483	7,414	7,771	7,886	7,961	7,826	7,974
4216	Electrical goods	10,598	10,625	11,216	11,253	11,939	11,742	11,643	12,013	12,113	12,569	12,621	12,845
4217	Hardware, & plumbing & heating equip. & supplies	3,803	3,926	4,043	4,039	4,031	4,048	3,973	4,182	4,252	4,246	4,294	4,444
4218	Machinery, equipment, & supplies	13,815	13,855	13,880	13,876	14,577	14,674	15,013	15,149	15,121	15,170	15,480	
4219	Miscellaneous durable goods	10,334	10,247	10,428	10,817	10,711	10,800	10,977	11,588	11,779	12,137	11,991	11,931
422	Nondurable goods	75,159	75,246	76,680	75,781	76,062	76,996	77,416	78,688	78,515	79,564	79,819	80,899
4221	Paper & paper products	4,412	4,371	4,435	4,489	4,528	4,566	4,597	4,694	4,715	4,793	4,760	5,202
4222	Drugs & druggists' sundries	6,149	5,857	6,047	6,675	6,298	6,301	6,522	6,498	6,496	6,750	6,546	6,492
4223	Apparel, piece goods, & notions	5,795	5,896	6,071	5,869	5,635	5,786	5,546	5,650	5,612	5,579	5,655	5,569
4224	Groceries & related products	23,311	23,560	23,753	23,563	23,766	23,918	23,950	24,347	24,599	24,653	25,291	25,292
4225	Farm product raw materials	7,838	7,683	8,003	7,993	8,477	8,359	8,316	8,344	8,180	8,648	8,463	8,860
4226	Chemicals & allied products	3,340	3,349	3,438	3,442	3,520	3,533	3,597	3,755	3,740	3,812	3,873	3,959
4227	Petroleum & petroleum products	10,555	10,526	10,599	9,524	9,903	10,383	10,685	11,191	10,613	10,623	10,617	10,552
4228	Beer, wine, & distilled alcoholic beverages	4,218	4,237	4,343	4,357	4,264	4,392	4,381	4,290	4,348	4,357	4,417	4,411
4229	Miscellaneous nondurable goods	9,541	9,767	9,991	9,869	9,671	9,758	9,822	9,919	10,212	10,349	10,197	10,562
	Inventories, total	202,521	204,211	203,593	204,220	207,773	207,513	209,485	210,924	212,578	215,418	217,264	219,766
421	Durable goods	125,499	126,454	125,895	126,980	129,786	129,846	131,871	132,346	133,339	135,652	136,597	138,409
4211	Motor vehicle & motor vehicle parts & supplies	20,637	20,426	19,956	20,271	20,377	20,473	20,833	20,519	20,869	21,362	21,413	21,520
4212	Furniture & home furnishings	4,304	4,293	4,279	4,337	4,305	4,239	4,269	4,317	4,376	4,419	4,375	4,427
4213	Lumber & other construction materials	5,011	5,009	5,041	5,026	5,127	5,244	5,274	5,303	5,279	5,333	5,416	5,447
4214	Professional & commercial equip. & supplies	18,605	18,683	18,696	19,090	19,765	19,477	19,842	19,686	19,901	20,551	20,599	20,973
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	11,061	11,154	11,222	11,238	11,473	11,857	11,724	11,926	12,128	12,300	12,510	12,583
4216	Electrical goods	15,803	16,165	16,082	16,263	16,648	16,702	17,166	17,280	17,535	17,520	17,478	18,480
4217	Hardware, & plumbing & heating equip. & supplies	6,783	6,913	6,946	7,019	7,203	7,298	7,436	7,582	7,686	7,648	7,668	7,841
4218	Machinery, equipment, & supplies	28,491	29,038	28,924	29,013	29,608	29,490	30,040	30,580	30,924	31,199	31,760	31,632
4219	Miscellaneous durable goods	14,804	14,773	14,749	14,723	15,280	15,066	15,287	15,153	14,641	15,320	15,378	15,506
422	Nondurable goods	77,022	77,757	77,698	77,240	77,987	77,667	77,614	78,578	79,239	79,766	80,667	81,357
4221	Paper & paper products	4,740	4,742	4,689	4,675	4,685	4,638	4,729	4,698	4,683	4,734	4,843	4,885
4222	Drugs & druggists' sundries	10,179	10,069	9,926	10,028	10,156	10,100	10,279	10,275	10,212	10,604	10,725	10,764
4223	Apparel, piece goods, & notions	11,003	11,023	11,113	10,727	10,849	10,724	11,035	11,465	11,540	11,655	11,871	12,004
4224	Groceries & related products	17,351	17,554	17,853	17,297	17,271	17,646	17,020	17,451	17,694	17,761	17,717	17,905
4225	Farm product raw materials	9,403	9,607	9,576	9,695	9,844	9,425	9,054	8,974	9,225	9,057	9,584	9,914
4226	Chemicals & allied products	4,205	4,178	4,141	4,180	4,253	4,209	4,281	4,330	4,421	4,465	4,509	4,592
4227	Petroleum & petroleum products	3,688	3,854	3,836	3,864	3,923	4,000	4,154	4,177	4,191	4,178	4,271	4,211
4228	Beer, wine, & distilled alcoholic beverages	4,456	4,528	4,426	4,530	4,607	4,515	4,528	4,527	4,515	4,567	4,552	4,565
4229	Miscellaneous nondurable goods	11,997	12,202	12,138	12,244	12,399	12,410	12,534	12,681	12,758	12,745	12,595	12,517
	Inventories/sales ratios, total	1.32	1.32	1.30	1.30	1.32	1.30	1.30	1.27	1.29	1.29	1.29	1.29
421	Durable goods	1.60	1.60	1.57	1.57	1.59	1.58	1.58	1.53	1.55	1.55	1.55	1.55
4211	Motor vehicle & motor vehicle parts & supplies	1.57	1.51	1.49	1.49	1.54	1.54	1.53	1.38	1.56	1.55	1.52	1.57
4212	Furniture & home furnishings	1.77	1.72	1.74	1.75	1.76	1.69	1.63	1.61	1.60	1.57	1.58	1.55
4213	Lumber & other construction materials	1.13	1.14	1.11	1.11	1.09	1.13	1.09	1.13	1.12	1.11	1.13	1.10
4214	Professional & commercial equip. & supplies	1.40	1.43	1.40	1.44	1.49	1.47	1.46	1.41	1.41	1.43	1.41	1.37
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	1.67	1.62	1.59	1.59	1.56	1.58	1.58	1.53	1.54	1.55	1.60	1.58
4216	Electrical goods	1.49	1.52	1.43	1.45	1.39	1.42	1.47	1.44	1.45	1.39	1.38	1.44
4217	Hardware, & plumbing & heating equip. & supplies	1.78	1.76	1.72	1.74	1.79	1.80	1.87	1.81	1.81	1.80	1.79	1.76
4218	Machinery, equipment, & supplies	2.06	2.10	2.08	2.09	2.10	2.02	2.05	2.04	2.04	2.06	2.09	2.04
4219	Miscellaneous durable goods	1.43	1.44	1.41	1.36	1.43	1.40	1.39	1.31	1.24	1.26	1.28	1.30
422	Nondurable goods	1.02	1.03	1.01	1.02	1.03	1.01	1.00	1.00	1.01	1.00	1.01	1.01
4221	Paper & paper products	1.07	1.08	1.06	1.04	1.03	1.02	1.03	1.00	0.99	0.99	1.02	0.94
4222	Drugs & druggists' sundries	1.66	1.72	1.64	1.50	1.61	1.60	1.58	1.57	1.57	1.64	1.66	
4223	Apparel, piece goods, & notions	1.90	1.87	1.83	1.83	1.93	1.85	1.99	2.03	2.06	2.09	2.10	2.16
4224	Groceries & related products	0.74	0.75	0.75	0.73	0.73	0.74	0.71	0.72	0.72	0.72	0.70	0.71
4225	Farm product raw materials	1.20	1.25	1.20	1.21	1.16	1.13	1.09	1.08	1.13	1.05	1.13	1.12
4226	Chemicals & allied products	1.26	1.25	1.20	1.21	1.21	1.19	1.19	1.15	1.18	1.17	1.16	1.16
4227	Petroleum & petroleum products	0.35	0.37	0.36	0.41	0.40	0.39	0.39	0.37	0.39	0.39	0.40	0.40
4228	Beer, wine, & distilled alcoholic beverages	1.06	1.07	1.02	1.04	1.08	1.03	1.03	1.06	1.04	1.05	1.03	1.03
4229	Miscellaneous nondurable goods	1.26	1.25	1.21	1.24	1.28	1.27	1.28	1.28	1.25	1.23	1.24	1.19

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	1994												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	140,955	140,153	167,858	153,899	159,599	164,922	153,899	174,153	168,455	172,577	168,232	168,896	1,933,598
421	Durable goods	70,285	71,119	86,785	78,932	81,834	85,859	79,508	91,948	90,135	91,591	88,132	88,025	1,004,153
4211	Motor vehicle & motor vehicle parts & supplies	11,411	12,341	15,167	13,765	13,716	13,775	13,469	14,849	13,138	13,899	14,061	13,800	163,391
4212	Furniture & home furnishings	2,096	2,195	2,637	2,422	2,483	2,531	2,419	2,877	2,951	3,035	2,844	2,802	31,292
4213	Lumber & other construction materials	3,663	3,690	4,686	4,521	4,955	5,080	4,856	5,416	4,994	5,023	4,722	4,389	55,995
4214	Professional & commercial equip. & supplies	12,721	11,891	14,472	12,614	12,338	13,705	12,876	14,697	15,072	14,735	14,237	16,063	165,421
42143	Computer & computer peripheral equip. & software	NA												
4215	Metals & minerals, ex. petroleum	6,239	6,406	7,861	7,098	7,620	7,977	6,947	8,237	8,099	7,961	7,396	7,288	89,129
4216	Electrical goods	9,517	9,679	11,766	10,668	11,497	12,036	11,166	12,878	13,239	13,499	12,924	12,395	141,264
4217	Hardware, & plumbing & heating equip. & supplies	3,248	3,412	3,978	3,873	4,100	4,404	4,084	4,588	4,571	4,522	4,367	4,071	49,218
4218	Machinery, equipment, & supplies	12,461	12,539	15,435	14,084	14,735	15,335	13,779	15,764	15,255	15,287	14,427	15,310	174,411
4219	Miscellaneous durable goods	8,929	8,966	10,783	9,887	10,390	11,016	9,912	12,642	12,816	13,630	13,154	11,907	134,032
422	Nondurable goods	70,670	69,034	81,073	74,967	77,765	79,063	74,391	82,205	78,320	80,986	80,100	80,871	929,445
4221	Paper & paper products	4,209	3,986	4,674	4,359	4,456	4,726	4,413	5,060	4,833	5,033	4,765	4,921	55,435
4222	Drugs & druggists' sundries	6,118	5,435	6,374	6,401	6,210	6,282	6,072	6,602	6,645	6,892	6,729	6,615	76,375
4223	Apparel, piece goods, & notions	5,129	5,849	6,969	5,241	4,700	5,907	5,446	6,616	6,319	6,221	5,672	4,455	68,524
4224	Groceries & related products	22,309	21,275	24,632	23,186	24,455	24,492	23,591	25,223	24,451	25,023	25,493	25,773	289,903
4225	Farm product raw materials	8,285	7,376	8,939	7,633	8,562	7,841	7,343	8,277	7,509	8,933	8,912	9,480	99,090
4226	Chemicals & allied products	3,106	3,138	3,754	3,463	3,738	3,794	3,414	3,988	3,744	3,694	3,819	3,638	43,290
4227	Petroleum & petroleum products	10,186	9,905	10,747	9,676	10,101	10,175	10,300	11,672	10,560	10,676	10,596	10,805	125,399
4228	Beer, wine, & distilled alcoholic beverages	3,075	3,377	4,443	4,261	4,460	4,985	4,324	4,719	4,374	4,248	4,784	4,971	52,021
4229	Miscellaneous nondurable goods	8,253	8,693	10,541	10,747	11,083	10,861	9,488	10,048	9,885	10,266	9,330	10,213	119,408
	Inventories, total	206,923	206,967	204,102	205,351	206,148	204,554	208,325	206,898	208,727	217,290	219,375	220,834	X
421	Durable goods	125,260	126,446	125,216	127,765	130,701	129,828	133,663	132,847	132,761	135,626	135,858	136,337	X
4211	Motor vehicle & motor vehicle parts & supplies	20,905	21,223	20,096	20,697	20,540	20,125	20,562	19,801	20,493	21,383	21,798	20,917	X
4212	Furniture & home furnishings	4,222	4,237	4,270	4,276	4,348	4,298	4,320	4,421	4,472	4,406	4,340	4,343	X
4213	Lumber & other construction materials	5,006	5,064	5,288	5,127	5,260	5,365	5,300	5,245	5,189	5,120	5,210	5,327	X
4214	Professional & commercial equip. & supplies	18,884	18,496	18,603	19,147	19,666	19,224	20,219	19,666	19,583	20,777	20,640	21,015	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	11,149	11,042	11,278	11,328	11,450	12,011	11,888	11,878	12,067	12,152	12,110	12,759	X
4216	Electrical goods	15,677	16,052	15,600	16,100	16,665	16,936	17,715	17,816	17,745	17,432	17,321	18,000	X
4217	Hardware, & plumbing & heating equip. & supplies	6,661	6,906	7,015	7,096	7,361	7,269	7,466	7,650	7,717	7,594	7,538	7,731	X
4218	Machinery, equipment, & supplies	28,263	29,067	29,040	29,477	29,993	29,549	30,310	30,702	30,429	31,074	31,538	31,158	X
4219	Miscellaneous durable goods	14,493	14,359	14,026	14,517	15,418	15,051	15,883	15,668	15,066	15,688	15,363	15,087	X
422	Nondurable goods	81,663	80,521	78,886	77,586	75,447	74,726	74,662	74,051	75,966	81,664	83,517	84,497	X
4221	Paper & paper products	4,939	4,742	4,736	4,768	4,568	4,624	4,724	4,571	4,599	4,720	4,790	4,958	X
4222	Drugs & druggists' sundries	11,014	10,411	9,866	9,968	9,577	9,696	10,125	9,854	10,120	10,816	10,822	11,087	X
4223	Apparel, piece goods, & notions	11,388	11,001	10,846	10,201	10,426	10,949	11,344	11,717	11,794	11,562	11,491	12,232	X
4224	Groceries & related products	17,455	17,133	17,514	17,107	17,064	17,470	16,765	16,840	17,818	18,649	18,408	18,317	X
4225	Farm product raw materials	12,318	11,990	10,792	9,831	8,505	7,295	6,763	6,165	6,633	9,763	11,712	12,263	X
4226	Chemicals & allied products	4,138	4,245	4,220	4,201	4,330	4,268	4,247	4,404	4,337	4,358	4,450	4,551	X
4227	Petroleum & petroleum products	3,651	3,758	3,683	3,794	3,880	3,912	4,162	4,290	4,275	4,316	4,361	4,299	X
4228	Beer, wine, & distilled alcoholic beverages	4,211	4,356	4,302	4,566	4,524	4,474	4,600	4,518	4,691	5,015	4,875	4,223	X
4229	Miscellaneous nondurable goods	12,549	12,885	12,927	13,150	12,573	12,038	11,932	11,692	11,699	12,465	12,608	12,567	X
	Inventories/sales ratios, total	1.47	1.48	1.22	1.33	1.29	1.24	1.35	1.19	1.24	1.26	1.30	1.31	X
421	Durable goods	1.78	1.78	1.44	1.62	1.60	1.51	1.68	1.44	1.47	1.48	1.54	1.55	X
4211	Motor vehicle & motor vehicle parts & supplies	1.83	1.72	1.32	1.50	1.50	1.46	1.53	1.33	1.56	1.54	1.55	1.52	X
4212	Furniture & home furnishings	2.01	1.93	1.62	1.77	1.75	1.70	1.79	1.54	1.52	1.45	1.53	1.55	X
4213	Lumber & other construction materials	1.37	1.37	1.13	1.13	1.06	1.06	1.09	0.97	1.04	1.02	1.10	1.21	X
4214	Professional & commercial equip. & supplies	1.48	1.56	1.29	1.52	1.59	1.40	1.57	1.34	1.30	1.41	1.45	1.31	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	1.79	1.72	1.43	1.60	1.50	1.51	1.71	1.44	1.49	1.53	1.64	1.75	X
4216	Electrical goods	1.65	1.66	1.33	1.51	1.45	1.41	1.59	1.38	1.34	1.29	1.34	1.45	X
4217	Hardware, & plumbing & heating equip. & supplies	2.05	2.02	1.76	1.83	1.80	1.65	1.83	1.67	1.69	1.68	1.73	1.90	X
4218	Machinery, equipment, & supplies	2.27	2.32	1.88	2.09	2.04	1.93	2.20	1.95	1.99	2.03	2.19	2.04	X
4219	Miscellaneous durable goods	1.62	1.60	1.30	1.47	1.48	1.37	1.60	1.24	1.18	1.15	1.17	1.27	X
422	Nondurable goods	1.16	1.17	0.97	1.03	0.97	0.95	1.00	0.90	0.97	1.01	1.04	1.04	X
4221	Paper & paper products	1.17	1.19	1.01	1.09	1.03	0.98	1.07	0.90	0.95	0.94	1.01	1.01	X
4222	Drugs & druggists' sundries	1.80	1.92	1.55	1.56	1.54	1.54	1.67	1.49	1.52	1.61	1.68	1.68	X
4223	Apparel, piece goods, & notions	2.22	1.88	1.56	1.95	2.22	1.85	2.08	1.77	1.87	1.86	2.03	2.75	X
4224	Groceries & related products	0.78	0.81	0.71	0.74	0.70	0.71	0.71	0.67	0.73	0.75	0.72	0.71	X
4225	Farm product raw materials	1.49	1.63	1.21	1.29	0.99	0.93	0.92	0.74	0.88	1.09	1.31	1.29	X
4226	Chemicals & allied products	1.33	1.35	1.12	1.21	1.16	1.12	1.24	1.10	1.16	1.18	1.17	1.25	X
4227	Petroleum & petroleum products	0.36	0.38	0.34	0.39	0.38	0.38	0.40	0.37	0.40	0.40	0.41	0.40	X
4228	Beer, wine, & distilled alcoholic beverages	1.37	1.29	0.97	1.07	1.01	0.90	1.06	0.96	1.07	1.18	1.02	0.85	X
4229	Miscellaneous nondurable goods	1.52	1.48	1.23	1.22	1.13	1.11	1.26	1.16	1.18	1.21	1.35	1.23	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1993											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	150,578	149,325	146,865	150,091	152,720	149,890	151,342	151,798	152,033	152,549	152,560	149,960
421	Durable goods	74,556	74,364	72,502	74,747	75,837	75,074	76,968	76,843	76,708	77,421	77,073	76,687
4211	Motor vehicle & motor vehicle parts & supplies	12,858	12,670	12,008	12,676	13,158	12,382	12,937	12,898	13,103	13,098	12,619	12,278
4212	Furniture & home furnishings	2,495	2,478	2,358	2,505	2,572	2,557	2,551	2,555	2,503	2,522	2,399	2,363
4213	Lumber & other construction materials	4,151	4,595	4,183	4,229	4,148	4,147	4,161	4,225	4,259	4,270	4,495	4,483
4214	Professional & commercial equip. & supplies	12,399	13,062	12,263	12,772	12,487	12,831	12,925	13,227	13,227	13,576	13,339	12,947
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	6,666	6,400	6,418	6,541	6,657	6,702	6,652	6,522	6,545	6,438	6,481	6,590
4216	Electrical goods	8,833	8,989	8,949	9,371	9,532	9,634	10,048	10,198	10,403	10,541	10,568	10,576
4217	Hardware, & plumbing & heating equip. & supplies	3,466	3,491	3,433	3,475	3,591	3,533	3,575	3,689	3,608	3,705	3,705	3,730
4218	Machinery, equipment, & supplies	13,247	13,114	13,145	13,454	13,737	13,579	13,812	13,556	13,498	13,536	13,528	13,544
4219	Miscellaneous durable goods	10,441	9,565	9,745	9,724	9,955	9,709	10,307	9,973	9,562	9,735	9,939	10,176
422	Nondurable goods	76,022	74,961	74,363	75,344	76,883	74,816	74,374	74,955	75,325	75,128	75,487	73,273
4221	Paper & paper products	4,046	4,111	4,080	4,113	4,142	4,166	4,151	4,142	4,224	4,264	4,395	4,347
4222	Drugs & druggists' sundries	5,731	5,745	5,663	5,649	5,667	5,682	5,592	5,692	5,780	5,875	5,946	5,929
4223	Apparel, piece goods, & notions	5,378	5,151	5,060	5,437	5,504	5,416	5,415	5,647	5,860	5,778	5,982	4,994
4224	Groceries & related products	24,373	23,494	23,491	23,920	23,945	23,956	23,801	23,503	23,523	23,309	23,431	23,159
4225	Farm product raw materials	8,399	8,372	8,204	8,322	8,800	8,028	7,952	8,006	7,859	7,883	7,836	8,380
4226	Chemicals & allied products	3,343	3,466	3,370	3,346	3,318	3,300	3,263	3,244	3,347	3,255	3,316	3,315
4227	Petroleum & petroleum products	10,707	10,919	11,019	10,926	11,225	10,509	10,321	10,569	10,733	10,872	10,498	9,313
4228	Beer, wine, & distilled alcoholic beverages	4,124	4,107	4,168	4,254	4,290	4,163	4,274	4,253	4,312	4,296	4,221	4,233
4229	Miscellaneous nondurable goods	9,921	9,596	9,308	9,377	9,992	9,596	9,605	9,899	9,687	9,596	9,862	9,603
	Inventories, total	194,927	194,667	196,332	197,010	196,873	197,336	197,443	199,452	200,345	199,461	200,766	202,730
421	Durable goods	119,604	119,716	121,108	121,239	120,962	121,109	121,428	122,664	123,137	123,367	123,854	125,422
4211	Motor vehicle & motor vehicle parts & supplies	20,916	20,730	21,150	20,949	20,620	19,999	20,323	20,824	20,530	20,414	20,364	21,198
4212	Furniture & home furnishings	4,148	4,159	4,219	4,202	4,224	4,237	4,159	4,170	4,177	4,232	4,239	4,256
4213	Lumber & other construction materials	5,017	5,030	5,151	5,309	5,120	5,076	5,051	5,047	5,028	5,074	4,913	5,062
4214	Professional & commercial equip. & supplies	16,832	16,879	17,211	17,211	17,259	17,425	17,538	17,694	17,842	17,815	17,971	18,096
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	10,362	10,403	10,464	10,660	10,617	10,824	10,920	10,890	10,954	10,966	10,920	11,149
4216	Electrical goods	14,670	14,695	15,168	14,888	15,065	15,164	15,143	15,341	15,562	15,773	15,717	15,738
4217	Hardware, & plumbing & heating equip. & supplies	6,524	6,478	6,491	6,481	6,375	6,413	6,403	6,426	6,472	6,598	6,732	6,721
4218	Machinery, equipment, & supplies	28,119	28,193	28,120	28,145	28,096	28,297	28,007	27,991	28,143	28,072	28,269	28,356
4219	Miscellaneous durable goods	13,016	13,149	13,134	13,394	13,586	13,674	13,884	14,281	14,429	14,423	14,729	14,846
422	Nondurable goods	75,323	74,951	75,224	75,771	75,911	76,227	76,015	76,788	77,208	76,094	76,912	77,308
4221	Paper & paper products	4,525	4,472	4,516	4,532	4,553	4,557	4,536	4,587	4,570	4,551	4,450	4,697
4222	Drugs & druggists' sundries	9,715	9,508	9,637	9,523	9,475	9,544	9,667	9,800	9,952	9,819	10,014	10,346
4223	Apparel, piece goods, & notions	10,436	10,293	10,333	10,209	10,834	11,036	10,806	10,899	11,560	11,211	11,137	11,226
4224	Groceries & related products	17,892	18,066	17,894	18,358	17,956	17,431	17,182	17,285	17,167	17,284	17,535	17,544
4225	Farm product raw materials	8,362	8,382	8,419	8,694	8,776	9,159	9,570	9,560	8,796	8,546	9,222	9,241
4226	Chemicals & allied products	3,895	3,905	3,975	3,947	4,068	4,088	4,141	4,187	4,283	4,316	4,228	4,229
4227	Petroleum & petroleum products	4,057	4,000	3,946	3,965	3,940	3,963	3,907	4,024	3,992	3,964	3,886	3,540
4228	Beer, wine, & distilled alcoholic beverages	4,336	4,332	4,392	4,396	4,295	4,293	4,215	4,156	4,294	4,338	4,311	4,465
4229	Miscellaneous nondurable goods	12,105	11,993	12,112	12,147	12,014	12,156	11,991	12,290	12,594	12,065	12,129	12,020
	Inventories/sales ratios, total	1.29	1.30	1.34	1.31	1.29	1.32	1.30	1.31	1.32	1.31	1.32	1.35
421	Durable goods	1.60	1.61	1.67	1.62	1.60	1.61	1.58	1.60	1.61	1.59	1.61	1.64
4211	Motor vehicle & motor vehicle parts & supplies	1.63	1.64	1.76	1.65	1.57	1.62	1.57	1.61	1.57	1.56	1.61	1.73
4212	Furniture & home furnishings	1.66	1.68	1.79	1.68	1.64	1.66	1.63	1.63	1.67	1.68	1.77	1.80
4213	Lumber & other construction materials	1.21	1.09	1.23	1.26	1.23	1.22	1.21	1.19	1.18	1.19	1.09	1.13
4214	Professional & commercial equip. & supplies	1.36	1.29	1.40	1.35	1.38	1.36	1.36	1.34	1.35	1.31	1.35	1.40
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	1.55	1.63	1.63	1.63	1.59	1.62	1.64	1.67	1.67	1.70	1.68	1.69
4216	Electrical goods	1.66	1.63	1.69	1.59	1.58	1.57	1.51	1.50	1.50	1.50	1.49	1.49
4217	Hardware, & plumbing & heating equip. & supplies	1.88	1.86	1.89	1.87	1.78	1.82	1.79	1.74	1.79	1.78	1.82	1.80
4218	Machinery, equipment, & supplies	2.12	2.15	2.14	2.09	2.05	2.08	2.03	2.06	2.08	2.07	2.09	2.09
4219	Miscellaneous durable goods	1.25	1.37	1.35	1.38	1.36	1.41	1.35	1.43	1.51	1.48	1.48	1.46
422	Nondurable goods	0.99	1.00	1.01	1.01	0.99	1.02	1.02	1.02	1.02	1.01	1.02	1.06
4221	Paper & paper products	1.12	1.09	1.11	1.10	1.10	1.09	1.09	1.11	1.08	1.07	1.01	1.08
4222	Drugs & druggists' sundries	1.70	1.66	1.70	1.69	1.67	1.68	1.73	1.72	1.67	1.68	1.74	
4223	Apparel, piece goods, & notions	1.94	2.00	2.04	1.88	1.97	2.04	2.00	1.93	1.97	1.94	1.86	2.25
4224	Groceries & related products	0.73	0.77	0.76	0.77	0.75	0.73	0.72	0.74	0.73	0.74	0.75	0.76
4225	Farm product raw materials	1.00	1.00	1.03	1.04	1.00	1.14	1.20	1.19	1.12	1.08	1.18	1.10
4226	Chemicals & allied products	1.17	1.13	1.18	1.18	1.23	1.24	1.27	1.29	1.28	1.33	1.28	1.28
4227	Petroleum & petroleum products	0.38	0.37	0.36	0.36	0.35	0.38	0.38	0.37	0.37	0.36	0.37	0.38
4228	Beer, wine, & distilled alcoholic beverages	1.05	1.05	1.05	1.03	1.00	1.03	0.99	0.98	1.00	1.01	1.02	1.05
4229	Miscellaneous nondurable goods	1.22	1.25	1.30	1.30	1.20	1.27	1.25	1.24	1.30	1.26	1.23	1.25

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	1993												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	UNADJUSTED²													
	Sales, total	138,122	135,456	156,575	151,526	150,551	154,825	149,582	155,649	155,383	157,105	153,004	152,212	1,809,990
421	Durable goods	66,832	66,841	77,943	75,259	73,520	78,243	75,849	79,643	79,741	80,755	77,389	77,064	909,079
4211	Motor vehicle & motor vehicle parts & supplies	11,289	11,568	13,221	13,297	13,105	12,828	13,222	12,859	12,723	13,425	12,606	12,389	152,532
4212	Furniture & home furnishings	2,128	2,183	2,525	2,553	2,521	2,572	2,434	2,703	2,673	2,694	2,505	2,372	29,863
4213	Lumber & other construction materials	3,441	3,869	4,338	4,352	4,256	4,524	4,327	4,652	4,502	4,501	4,414	4,129	51,305
4214	Professional & commercial equip. & supplies	11,915	11,847	13,330	12,465	11,363	13,139	12,705	13,386	14,113	13,929	13,019	13,996	155,207
42143	Computer & computer peripheral equip. & software	NA												
4215	Metals & minerals, ex. petroleum	6,326	5,933	7,124	6,737	6,690	7,218	6,386	6,750	6,722	6,483	6,047	6,214	78,630
4216	Electrical goods	7,932	8,189	9,379	9,109	8,941	9,875	9,917	10,647	11,319	11,310	10,906	10,428	117,952
4217	Hardware, & plumbing & heating equip. & supplies	2,974	3,044	3,371	3,430	3,512	3,872	3,768	3,973	3,832	3,964	3,805	3,514	43,059
4218	Machinery, equipment, & supplies	11,869	11,829	14,657	14,127	13,764	14,380	13,494	13,922	13,511	13,604	13,055	13,612	161,824
4219	Miscellaneous durable goods	8,958	8,379	9,998	9,189	9,368	9,835	9,596	10,751	10,346	10,845	11,032	10,410	118,707
422	Nondurable goods	71,290	68,615	78,632	76,267	77,031	76,582	73,733	76,006	75,642	76,350	75,615	75,148	900,911
4221	Paper & paper products	3,908	3,741	4,309	4,101	3,960	4,341	4,051	4,287	4,313	4,516	4,399	4,286	50,212
4222	Drugs & druggists' sundries	5,725	5,343	5,929	5,649	5,299	5,710	5,385	5,624	5,867	6,045	6,136	6,285	68,997
4223	Apparel, piece goods, & notions	4,776	5,084	5,672	4,969	4,431	5,530	5,415	6,494	6,721	6,523	5,922	4,145	65,682
4224	Groceries & related products	23,057	21,215	24,407	23,896	24,520	24,267	24,182	23,597	23,688	23,356	23,642	23,877	283,704
4225	Farm product raw materials	8,802	7,987	9,270	8,106	8,606	7,667	7,252	7,694	7,254	8,088	8,095	9,218	98,039
4226	Chemicals & allied products	3,129	3,251	3,680	3,426	3,414	3,584	3,191	3,325	3,367	3,154	3,240	3,126	39,887
4227	Petroleum & petroleum products	10,439	10,231	11,394	11,297	11,113	10,404	10,156	10,738	11,133	10,529	9,797	127,728	
4228	Beer, wine, & distilled alcoholic beverages	3,031	3,261	4,160	4,377	4,307	4,696	4,458	4,457	4,364	4,236	4,500	4,974	50,821
4229	Miscellaneous nondurable goods	8,423	8,502	9,811	10,446	11,381	10,383	9,643	9,790	9,571	9,299	9,152	9,440	115,841
	Inventories, total	198,958	197,270	196,847	198,071	195,446	194,485	195,855	195,166	196,663	201,155	203,048	203,880	X
421	Durable goods	119,401	119,812	120,474	122,011	121,877	121,009	122,926	123,074	122,666	123,438	123,376	123,608	X
4211	Motor vehicle & motor vehicle parts & supplies	21,167	21,538	21,340	21,410	20,785	19,619	19,957	20,012	20,181	20,496	20,792	20,710	X
4212	Furniture & home furnishings	4,077	4,117	4,215	4,156	4,287	4,296	4,201	4,249	4,211	4,201	4,184		
4213	Lumber & other construction materials	5,042	5,080	5,424	5,420	5,258	5,188	5,076	4,971	4,917	4,871	4,712	4,956	X
4214	Professional & commercial equip. & supplies	17,101	16,744	17,091	17,245	17,207	17,181	17,871	17,694	17,557	17,993	17,989	18,132	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	10,435	10,289	10,495	10,735	10,596	10,997	11,073	10,836	10,910	10,867	10,571	11,316	X
4216	Electrical goods	14,553	14,577	14,683	14,724	15,080	15,361	15,643	15,832	15,780	15,741	15,607	15,329	X
4217	Hardware, & plumbing & heating equip. & supplies	6,413	6,478	6,543	6,546	6,509	6,368	6,435	6,497	6,504	6,558	6,618	6,634	X
4218	Machinery, equipment, & supplies	27,922	28,221	28,232	28,595	28,433	28,325	28,231	27,693	27,932	28,128	27,902		
4219	Miscellaneous durable goods	12,691	12,768	12,451	13,180	13,722	13,674	14,439	14,824	14,876	14,769	14,758	14,445	X
422	Nondurable goods	79,557	77,458	76,373	76,060	73,569	73,476	72,929	72,092	73,997	77,717	79,672	80,272	X
4221	Paper & paper products	4,720	4,463	4,584	4,614	4,435	4,543	4,518	4,454	4,501	4,528	4,410	4,782	X
4222	Drugs & druggists' sundries	10,531	9,879	9,570	9,447	8,925	9,153	9,503	9,359	9,843	10,015	10,124	10,698	X
4223	Apparel, piece goods, & notions	10,770	10,221	10,137	9,668	10,368	11,290	11,098	11,139	11,837	11,155	10,781	11,495	X
4224	Groceries & related products	18,017	17,687	17,518	18,174	17,758	17,257	16,873	16,628	17,253	18,096	18,271	18,035	X
4225	Farm product raw materials	10,946	10,519	9,556	8,851	7,653	7,107	7,158	6,568	6,289	9,050	11,159	11,385	X
4226	Chemicals & allied products	3,825	3,956	4,051	3,971	4,145	4,153	4,108	4,275	4,206	4,199	4,173	4,178	X
4227	Petroleum & petroleum products	4,012	3,892	3,780	3,870	3,877	3,904	3,938	4,153	4,092	4,099	3,968	3,582	X
4228	Beer, wine, & distilled alcoholic beverages	4,111	4,176	4,278	4,431	4,226	4,241	4,270	4,148	4,440	4,763	4,621	4,121	X
4229	Miscellaneous nondurable goods	12,625	12,665	12,899	13,034	12,182	11,828	11,463	11,368	11,536	11,812	12,165	11,996	X
	Inventories/sales ratios, total	1.44	1.46	1.26	1.31	1.30	1.26	1.31	1.25	1.27	1.28	1.33	1.34	X
421	Durable goods	1.79	1.79	1.55	1.62	1.66	1.55	1.62	1.55	1.54	1.53	1.59	1.60	X
4211	Motor vehicle & motor vehicle parts & supplies	1.88	1.86	1.61	1.61	1.59	1.53	1.51	1.56	1.59	1.53	1.65	1.67	X
4212	Furniture & home furnishings	1.92	1.89	1.67	1.63	1.70	1.67	1.73	1.57	1.59	1.56	1.68	1.76	X
4213	Lumber & other construction materials	1.47	1.31	1.25	1.25	1.24	1.15	1.17	1.07	1.09	1.08	1.07	1.20	X
4214	Professional & commercial equip. & supplies	1.44	1.41	1.28	1.38	1.51	1.31	1.41	1.32	1.24	1.29	1.38	1.30	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	1.65	1.73	1.47	1.59	1.58	1.52	1.73	1.61	1.62	1.68	1.75	1.82	X
4216	Electrical goods	1.83	1.78	1.57	1.62	1.69	1.56	1.58	1.49	1.39	1.43	1.47		
4217	Hardware, & plumbing & heating equip. & supplies	2.16	2.13	1.94	1.91	1.85	1.64	1.71	1.64	1.70	1.65	1.74	1.89	X
4218	Machinery, equipment, & supplies	2.35	2.39	1.93	2.02	2.07	1.97	2.09	2.02	2.05	2.05	2.15	2.05	X
4219	Miscellaneous durable goods	1.42	1.52	1.25	1.43	1.46	1.39	1.50	1.38	1.44	1.36	1.34	1.39	X
422	Nondurable goods	1.12	1.13	0.97	1.00	0.96	0.96	0.99	0.95	0.98	1.02	1.05	1.07	X
4221	Paper & paper products	1.21	1.19	1.06	1.13	1.12	1.05	1.12	1.04	1.04	1.00	1.00	1.12	X
4222	Drugs & druggists' sundries	1.84	1.85	1.61	1.67	1.68	1.60	1.76	1.66	1.66	1.65	1.70		
4223	Apparel, piece goods, & notions	2.26	2.01	1.79	1.95	2.34	2.04	2.05	1.72	1.76	1.71	1.82	2.77	X
4224	Groceries & related products	0.78	0.83	0.72	0.76	0.72	0.71	0.70	0.70	0.73	0.77	0.77	0.76	X
4225	Farm product raw materials	1.24	1.32	1.03	1.09	0.89	0.93	0.99	0.85	0.87	1.12	1.38	1.24	X
4226	Chemicals & allied products	1.22	1.22	1.10	1.16	1.21	1.16	1.29	1.29	1.25	1.33	1.29	1.34	X
4227	Petroleum & petroleum products	0.38	0.38	0.33	0.34	0.35	0.38	0.39	0.39	0.39	0.37	0.38	0.37	X
4228	Beer, wine, & distilled alcoholic beverages	1.36	1.28	1.03	1.01	0.98	0.90	0.96	0.93	1.02	1.12	1.03	0.83	X
4229	Miscellaneous nondurable goods	1.50	1.49	1.31	1.25	1.07	1.14	1.19	1.16	1.21	1.27	1.33	1.27	X

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1992											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	ADJUSTED¹												
	Sales, total	140,555	141,037	142,205	142,469	141,139	143,070	146,114	144,479	146,259	146,181	146,552	145,554
421	Durable goods	65,818	67,136	67,852	68,754	67,528	69,401	70,242	69,588	69,957	70,303	71,747	71,356
4211	Motor vehicle & motor vehicle parts & supplies	12,020	12,162	12,296	12,146	12,193	12,615	12,468	12,497	12,649	12,809	12,787	12,457
4212	Furniture & home furnishings	2,329	2,326	2,331	2,372	2,343	2,396	2,306	2,313	2,365	2,331	2,542	2,465
4213	Lumber & other construction materials	3,630	3,736	3,726	3,816	3,826	3,862	3,821	3,835	3,917	3,858	3,855	3,772
4214	Professional & commercial equip. & supplies	10,362	10,530	10,595	11,506	10,954	10,939	11,272	11,100	11,036	11,254	11,674	11,692
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	6,218	6,309	6,355	6,213	6,298	6,328	6,460	6,692	6,391	6,159	6,553	6,555
4216	Electrical goods	8,159	8,157	8,036	8,015	7,875	8,035	8,227	8,099	8,035	8,104	8,533	8,632
4217	Hardware, & plumbing & heating equip. & supplies	3,412	3,408	3,362	3,554	3,435	3,469	3,470	3,378	3,413	3,412	3,468	3,456
4218	Machinery, equipment, & supplies	11,285	11,577	12,255	12,285	11,965	12,360	12,061	12,367	12,667	12,934	12,682	12,538
4219	Miscellaneous durable goods	8,403	8,931	8,896	8,847	8,639	9,397	10,157	9,307	9,484	9,442	9,653	9,789
422	Nondurable goods	74,737	73,901	74,353	73,715	73,611	73,669	75,872	74,891	76,302	75,878	74,805	74,198
4221	Paper & paper products	4,046	3,979	4,015	3,998	3,970	3,918	4,151	3,935	3,908	3,977	3,983	4,078
4222	Drugs & druggists' sundries	5,491	5,473	5,515	5,444	5,518	5,653	5,616	5,562	5,512	5,661	5,585	5,735
4223	Apparel, piece goods, & notions	5,278	5,215	5,105	4,860	5,084	4,769	5,229	5,443	5,180	5,456	5,330	5,401
4224	Groceries & related products	22,849	23,062	23,047	22,925	22,511	22,342	23,035	22,690	22,942	22,752	22,763	23,010
4225	Farm product raw materials	8,633	8,600	8,810	8,558	8,659	8,487	9,030	9,024	9,894	8,916	8,793	8,583
4226	Chemicals & allied products	3,138	3,147	3,197	3,140	3,230	3,312	3,358	3,354	3,348	3,338	3,120	3,346
4227	Petroleum & petroleum products	11,111	10,835	11,040	11,093	11,287	11,899	11,977	11,595	11,718	12,121	11,449	11,087
4228	Beer, wine, & distilled alcoholic beverages	4,302	4,323	4,199	4,397	4,159	4,091	4,109	4,116	4,093	4,095	4,169	4,169
4229	Miscellaneous nondurable goods	9,889	9,267	9,425	9,300	9,193	9,198	9,367	9,172	9,707	9,562	9,613	8,789
	Inventories, total	186,021	187,052	188,361	187,501	186,699	190,442	189,485	190,075	190,741	190,892	192,667	194,463
421	Durable goods	114,333	114,670	115,073	114,730	114,599	116,734	115,821	116,927	117,575	117,442	118,642	119,824
4211	Motor vehicle & motor vehicle parts & supplies	20,004	20,237	20,502	20,082	19,991	20,039	19,995	20,175	20,783	20,935	21,164	21,448
4212	Furniture & home furnishings	4,045	4,089	4,053	4,263	4,129	4,104	4,098	4,032	4,028	4,028	4,105	4,181
4213	Lumber & other construction materials	4,468	4,360	4,391	4,651	4,537	4,572	4,667	4,661	4,680	4,767	4,747	4,823
4214	Professional & commercial equip. & supplies	16,886	16,828	16,260	16,289	16,467	17,055	16,532	16,917	17,034	16,398	16,851	16,882
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	10,102	10,346	10,307	10,319	10,344	10,388	10,207	10,196	10,312	10,397	10,363	10,347
4216	Electrical goods	13,904	13,801	13,823	13,985	13,808	13,874	13,931	13,884	13,939	14,586	14,406	14,877
4217	Hardware, & plumbing & heating equip. & supplies	6,566	6,586	6,552	6,634	6,696	6,650	6,723	6,718	6,583	6,544	6,434	6,366
4218	Machinery, equipment, & supplies	26,299	26,143	26,570	26,775	26,487	27,181	27,281	27,564	27,435	27,012	27,704	28,013
4219	Miscellaneous durable goods	12,059	12,280	12,615	11,732	12,140	12,871	12,387	12,780	12,781	12,775	12,868	12,887
422	Nondurable goods	71,688	72,382	73,288	72,771	72,100	73,708	73,664	73,148	73,166	73,450	74,025	74,639
4221	Paper & paper products	4,120	4,213	4,311	4,331	4,369	4,462	4,473	4,511	4,631	4,653	4,615	4,544
4222	Drugs & druggists' sundries	8,320	8,472	8,476	8,513	8,363	8,759	8,754	8,747	8,877	9,020	8,759	9,343
4223	Apparel, piece goods, & notions	9,756	9,941	10,380	10,275	10,272	10,533	10,493	10,245	10,298	10,351	10,322	10,493
4224	Groceries & related products	17,170	17,310	17,460	17,733	17,857	18,012	18,006	17,936	17,713	17,611	17,953	17,973
4225	Farm product raw materials	8,905	9,024	9,042	8,820	8,748	8,450	8,155	8,064	8,250	8,130	8,013	8,075
4226	Chemicals & allied products	3,548	3,622	3,731	3,805	3,732	3,839	3,925	3,832	3,667	3,677	3,848	3,765
4227	Petroleum & petroleum products	3,836	3,820	3,836	3,736	3,730	3,861	3,830	3,791	3,875	3,950	3,964	3,942
4228	Beer, wine, & distilled alcoholic beverages	4,571	4,498	4,647	4,445	4,431	4,518	4,510	4,524	4,382	4,389	4,449	4,325
4229	Miscellaneous nondurable goods	11,462	11,482	11,405	11,113	10,598	11,274	11,518	11,498	11,473	11,669	12,102	12,179
	Inventories/sales ratios, total	1.32	1.33	1.32	1.32	1.32	1.33	1.30	1.32	1.30	1.31	1.31	1.34
421	Durable goods	1.74	1.71	1.70	1.67	1.70	1.68	1.65	1.68	1.68	1.67	1.65	1.68
4211	Motor vehicle & motor vehicle parts & supplies	1.66	1.66	1.67	1.65	1.64	1.59	1.60	1.61	1.64	1.63	1.66	1.72
4212	Furniture & home furnishings	1.74	1.76	1.74	1.80	1.76	1.71	1.78	1.74	1.70	1.73	1.61	1.70
4213	Lumber & other construction materials	1.23	1.17	1.18	1.22	1.19	1.18	1.22	1.22	1.19	1.24	1.23	1.28
4214	Professional & commercial equip. & supplies	1.63	1.60	1.53	1.42	1.50	1.56	1.47	1.52	1.54	1.46	1.44	1.44
42143	Computer & computer peripheral equip. & software	NA											
4215	Metals & minerals, ex. petroleum	1.62	1.64	1.62	1.66	1.64	1.64	1.58	1.52	1.61	1.69	1.58	1.58
4216	Electrical goods	1.70	1.69	1.72	1.74	1.75	1.73	1.69	1.71	1.73	1.80	1.69	1.72
4217	Hardware, & plumbing & heating equip. & supplies	1.92	1.93	1.95	1.87	1.95	1.92	1.94	1.99	1.93	1.92	1.86	1.84
4218	Machinery, equipment, & supplies	2.33	2.26	2.17	2.18	2.21	2.20	2.26	2.23	2.17	2.09	2.18	2.23
4219	Miscellaneous durable goods	1.44	1.37	1.42	1.33	1.41	1.37	1.22	1.37	1.35	1.35	1.33	1.32
422	Nondurable goods	0.96	0.98	0.99	0.99	0.98	1.00	0.97	0.98	0.96	0.97	0.99	1.01
4221	Paper & paper products	1.02	1.06	1.07	1.08	1.10	1.14	1.08	1.15	1.19	1.17	1.16	1.11
4222	Drugs & druggists' sundries	1.52	1.55	1.54	1.56	1.52	1.55	1.56	1.57	1.61	1.59	1.57	1.63
4223	Apparel, piece goods, & notions	1.85	1.91	2.03	2.11	2.02	2.21	2.01	1.88	1.99	1.90	1.94	1.94
4224	Groceries & related products	0.75	0.75	0.76	0.77	0.79	0.81	0.78	0.79	0.77	0.77	0.79	0.78
4225	Farm product raw materials	1.03	1.05	1.03	1.03	1.01	1.00	0.90	0.89	0.83	0.91	0.91	0.94
4226	Chemicals & allied products	1.13	1.15	1.17	1.21	1.16	1.16	1.17	1.14	1.10	1.10	1.23	1.13
4227	Petroleum & petroleum products	0.35	0.35	0.35	0.34	0.33	0.32	0.32	0.33	0.33	0.33	0.35	0.36
4228	Beer, wine, & distilled alcoholic beverages	1.06	1.04	1.11	1.01	1.07	1.10	1.10	1.10	1.07	1.07	1.07	1.04
4229	Miscellaneous nondurable goods	1.16	1.24	1.21	1.19	1.15	1.23	1.23	1.25	1.18	1.22	1.26	1.39

See footnotes at end of table.

Table 1. Revised Adjusted and Unadjusted Estimates of Monthly Sales, Inventories, and Inventories/Sales Ratios of Merchant Wholesalers: January 1992 Through February 2002—Con.

[Sales and Inventory estimates are shown in millions of dollars. Estimates are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census.]

NAICS Code	Kind of business	1992												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
UNADJUSTED²														
	Sales, total	136,122	130,247	147,671	143,975	138,904	147,825	147,729	144,152	148,933	155,068	142,675	148,322	1,731,623
421	Durable goods	62,262	61,348	71,291	68,969	65,474	72,649	70,742	69,926	72,644	75,741	69,689	72,072	832,807
4211	Motor vehicle & motor vehicle parts & supplies	10,938	11,347	13,501	12,608	12,278	13,019	12,830	11,985	12,345	13,578	12,339	12,818	149,586
4212	Furniture & home furnishings	2,105	2,070	2,464	2,396	2,268	2,456	2,246	2,368	2,509	2,580	2,572	2,477	28,511
4213	Lumber & other construction materials	3,220	3,194	3,715	3,919	3,952	4,194	4,100	4,077	4,156	4,205	3,635	3,474	45,841
4214	Professional & commercial equip. & supplies	10,662	9,740	11,040	11,287	9,902	11,169	11,407	11,022	11,720	11,986	11,032	12,546	133,513
42143	Computer & computer peripheral equip. & software	NA												
4215	Metals & minerals, ex. petroleum	6,237	5,899	6,882	6,381	6,392	6,790	6,421	6,679	6,608	6,331	5,937	6,188	76,745
4216	Electrical goods	7,702	7,570	8,173	7,783	7,387	8,252	8,309	8,261	8,734	8,939	8,567	8,503	98,180
4217	Hardware & plumbing & heating equip. & supplies	3,078	3,009	3,231	3,465	3,380	3,823	3,748	3,500	3,659	3,743	3,440	3,269	41,345
4218	Machinery, equipment, & supplies	10,732	10,570	13,309	12,752	11,881	13,361	12,001	12,243	12,756	13,568	11,655	12,714	147,542
4219	Miscellaneous durable goods	7,588	7,949	8,976	8,378	8,034	9,585	9,680	9,791	10,157	10,811	10,512	10,083	111,544
422	Nondurable goods	73,860	68,899	76,380	75,006	73,430	75,176	76,987	74,226	76,289	79,327	72,986	76,250	898,816
4221	Paper & paper products	4,151	3,657	4,103	4,010	3,823	4,036	4,209	3,931	3,998	4,295	3,899	4,017	48,129
4222	Drugs & druggists' sundries	5,897	5,112	5,620	5,406	5,170	5,693	5,616	5,217	5,622	6,040	5,540	6,136	67,069
4223	Apparel, piece goods, & notions	4,982	5,236	5,570	4,525	4,098	4,745	5,360	6,096	5,941	6,356	5,159	4,591	62,659
4224	Groceries & related products	22,506	21,494	23,277	23,154	22,804	22,632	23,703	22,645	22,942	23,412	22,513	23,746	274,828
4225	Farm product raw materials	9,557	8,308	9,576	8,455	8,460	8,037	8,515	8,365	9,290	9,397	8,617	9,647	106,224
4226	Chemicals & allied products	3,116	3,012	3,376	3,218	3,340	3,564	3,368	3,331	3,408	3,328	2,920	3,189	39,170
4227	Petroleum & petroleum products	11,322	10,217	11,139	11,193	11,310	11,887	12,205	11,479	11,566	12,630	11,254	11,331	137,533
4228	Beer, wine, & distilled alcoholic beverages	3,459	3,458	4,002	4,564	4,221	4,529	4,466	4,137	4,126	4,259	4,240	4,936	50,397
4229	Miscellaneous nondurable goods	8,870	8,405	9,717	10,481	10,204	10,053	9,545	9,025	9,396	9,610	8,844	8,657	112,807
	Inventories, total	190,057	189,868	188,957	188,332	185,323	187,778	188,023	186,235	187,277	192,534	194,825	195,501	X
421	Durable goods	114,188	114,809	114,417	115,413	115,479	116,588	117,124	117,274	117,096	117,534	118,240	118,146	X
4211	Motor vehicle & motor vehicle parts & supplies	20,264	21,026	20,707	20,524	20,131	19,638	19,595	19,368	20,450	21,040	21,608	21,019	X
4212	Furniture & home furnishings	3,980	4,048	4,049	4,229	4,199	4,161	4,131	4,097	4,084	4,004	4,060	4,114	X
4213	Lumber & other construction materials	4,499	4,404	4,632	4,749	4,664	4,668	4,690	4,582	4,563	4,576	4,548	4,722	X
4214	Professional & commercial equip. & supplies	17,156	16,710	16,114	16,305	16,434	16,816	16,863	16,917	16,761	16,578	16,851	16,899	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	10,163	10,232	10,328	10,391	10,313	10,575	10,350	10,135	10,281	10,314	10,031	10,502	X
4216	Electrical goods	13,779	13,691	13,367	13,817	13,822	14,054	14,391	14,328	14,148	14,571	14,305	14,490	X
4217	Hardware & plumbing & heating equip. & supplies	6,461	6,593	6,598	6,700	6,837	6,597	6,750	6,799	6,623	6,505	6,325	6,283	X
4218	Machinery, equipment, & supplies	26,141	26,169	26,676	27,177	26,805	27,208	27,472	27,757	26,996	26,877	27,593	27,565	X
4219	Miscellaneous durable goods	11,745	11,936	11,946	11,521	12,274	12,871	12,882	13,291	13,190	13,069	12,919	12,552	X
422	Nondurable goods	75,869	75,059	74,540	72,919	69,844	71,190	70,899	68,961	70,181	75,000	76,585	77,355	X
4221	Paper & paper products	4,293	4,196	4,389	4,405	4,251	4,453	4,442	4,371	4,575	4,625	4,578	4,630	X
4222	Drugs & druggists' sundries	9,036	8,819	8,417	8,428	7,870	8,391	8,596	8,336	8,770	9,200	8,864	9,679	X
4223	Apparel, piece goods, & notions	10,068	9,852	10,214	9,700	9,810	10,786	10,766	10,481	10,555	10,330	10,092	10,776	X
4224	Groceries & related products	17,273	16,981	17,093	17,556	17,696	17,850	17,646	17,219	17,784	18,404	18,725	18,530	X
4225	Farm product raw materials	11,639	11,352	10,290	8,988	7,646	6,557	6,108	5,540	5,866	8,536	9,648	9,932	X
4226	Chemicals & allied products	3,481	3,665	3,802	3,824	3,807	3,904	3,898	3,920	3,605	3,578	3,802	3,712	X
4227	Petroleum & petroleum products	3,798	3,713	3,663	3,631	3,663	3,815	3,872	3,920	3,983	4,088	4,051	3,974	X
4228	Beer, wine, & distilled alcoholic beverages	4,338	4,345	4,526	4,485	4,365	4,464	4,560	4,515	4,522	4,815	4,765	3,992	X
4229	Miscellaneous nondurable goods	11,943	12,136	12,146	11,902	10,736	10,970	11,011	10,659	10,521	11,424	12,150	12,130	X
	Inventories/sales ratios, total	1.40	1.46	1.28	1.31	1.33	1.27	1.27	1.29	1.26	1.24	1.37	1.32	X
421	Durable goods	1.83	1.87	1.60	1.67	1.76	1.60	1.66	1.68	1.61	1.55	1.70	1.64	X
4211	Motor vehicle & motor vehicle parts & supplies	1.85	1.85	1.53	1.63	1.64	1.51	1.53	1.62	1.66	1.55	1.75	1.64	X
4212	Furniture & home furnishings	1.89	1.96	1.64	1.77	1.85	1.69	1.84	1.73	1.63	1.55	1.58	1.66	X
4213	Lumber & other construction materials	1.40	1.38	1.25	1.21	1.18	1.11	1.14	1.12	1.10	1.09	1.25	1.36	X
4214	Professional & commercial equip. & supplies	1.61	1.72	1.46	1.44	1.66	1.51	1.48	1.53	1.43	1.38	1.53	1.35	X
42143	Computer & computer peripheral equip. & software	NA	X											
4215	Metals & minerals, ex. petroleum	1.63	1.73	1.50	1.63	1.61	1.56	1.61	1.52	1.56	1.63	1.69	1.70	X
4216	Electrical goods	1.79	1.81	1.64	1.78	1.87	1.70	1.73	1.73	1.62	1.63	1.67	1.70	X
4217	Hardware & plumbing & heating equip. & supplies	2.10	2.19	2.04	1.93	2.02	1.73	1.80	1.94	1.81	1.74	1.84	1.92	X
4218	Machinery, equipment, & supplies	2.44	2.48	2.00	2.13	2.26	2.04	2.29	2.27	2.12	1.98	2.37	2.17	X
4219	Miscellaneous durable goods	1.55	1.50	1.33	1.38	1.53	1.34	1.33	1.36	1.30	1.21	1.23	1.24	X
422	Nondurable goods	1.03	1.09	0.98	0.97	0.95	0.95	0.92	0.93	0.92	0.95	1.05	1.01	X
4221	Paper & paper products	1.03	1.15	1.07	1.10	1.11	1.10	1.06	1.11	1.14	1.08	1.17	1.15	X
4222	Drugs & druggists' sundries	1.53	1.73	1.50	1.56	1.52	1.47	1.53	1.60	1.56	1.52	1.60	1.58	X
4223	Apparel, piece goods, & notions	2.02	1.88	1.83	2.14	2.39	2.27	2.01	1.72	1.78	1.63	1.94	2.35	X
4224	Groceries & related products	0.77	0.79	0.73	0.76	0.78	0.79	0.74	0.76	0.78	0.79	0.83	0.78	X
4225	Farm product raw materials	1.22	1.37	1.07	1.06	0.90	0.82	0.72	0.66	0.63	0.91	1.12	1.03	X
4226	Chemicals & allied products	1.12	1.22	1.13	1.19	1.14	1.10	1.16	1.18	1.06	1.08	1.30	1.16	X
4227	Petroleum & petroleum products	0.34	0.36	0.33	0.32	0.32	0.32	0.32	0.34	0.34	0.32	0.36	0.35	X
4228	Beer, wine, & distilled alcoholic beverages	1.25	1.26	1.13	0.98	1.03	0.99	1.02	1.09	1.10	1.13	1.12	0.81	X
4229	Miscellaneous nondurable goods	1.35	1.44	1.25	1.14	1.05	1.09	1.15	1.18	1.12	1.19	1.37	1.40	X

¹Preliminary estimates. (NA) Not available. (X) Cumulative data are not applicable for inventories or inventories/sales ratios.

²Estimates are adjusted for seasonal variations and, in the case of sales, also for trading-day differences. Cumulative seasonally adjusted sales estimates are not tabulated.

²Estimates are not adjusted for seasonal variations or trading-day differences.</p

Table 2. Estimated Annual Purchases, Gross Margins and Gross Margins/Sales Ratios of Merchant Wholesalers by Kind of Business: 1992 Through 2000

[Purchases and gross margins estimates are shown in millions of dollars. Estimates are based on data from the Annual Wholesale Trade Survey and administrative records. Except where indicated, estimates have been adjusted using results of the most recent economic census]

NAICS Code	Kind of business	1992	1993	1994	1995	1996	1997	1998	1999	2000
	Purchases, total	1,405,042	1,454,639	1,552,452	1,684,737	1,783,255	1,870,696	1,902,986	2,030,313	2,205,566
421	Durable goods	642,151	702,455	780,580	851,768	886,539	946,388	979,698	1,048,455	1,107,526
4211	Motor vehicle & motor vehicle parts & supplies	122,776	125,192	133,786	130,452	132,055	132,315	137,091	156,387	157,945
4212	Furniture & home furnishings	19,305	21,165	22,452	24,581	25,702	27,747	29,119	30,539	32,930
4213	Lumber & other construction materials	36,956	41,952	46,389	45,292	48,154	50,364	52,252	59,014	58,554
4214	Professional & commercial equip. & supplies	95,517	115,919	127,968	154,635	169,044	184,485	198,264	214,855	220,169
42143	Computer & computer peripheral equip. & software	NA	NA	NA	NA	NA	118,562	126,990	137,181	138,562
4215	Metals & minerals, ex. petroleum	62,193	63,313	72,445	75,099	75,380	81,121	79,205	76,195	81,876
4216	Electrical goods	74,797	90,456	109,026	128,655	131,385	142,142	145,749	161,865	184,934
4217	Hardware, & plumbing & heating equip. & supplies	30,700	31,691	36,819	38,739	40,613	43,249	45,659	47,693	49,720
4218	Machinery, equipment, & supplies	109,373	118,761	129,238	142,032	153,130	165,740	179,020	180,171	186,514
4219	Miscellaneous durable goods	90,534	94,006	102,457	112,283	111,076	119,225	113,339	121,736	134,884
422	Nondurable goods	762,891	752,184	771,872	832,969	896,716	924,308	923,288	981,858	1,098,040
4221	Paper & paper products	36,785	37,668	42,331	51,692	50,675	52,082	54,772	58,557	62,817
4222	Drugs & druggists' sundries	61,551	62,018	67,145	73,828	82,896	94,006	108,593	127,760	146,358
4223	Apparel, piece goods, & notions	45,360	47,855	49,890	48,738	52,204	59,510	59,639	59,945	62,224
4224	Groceries & related products	234,467	239,874	244,903	258,072	264,979	277,468	290,652	301,823	321,674
4225	Farm product raw materials	99,092	89,229	89,065	105,914	122,086	115,331	99,743	93,532	98,853
4226	Chemicals & allied products	29,639	30,692	33,675	38,700	40,798	42,607	41,497	41,309	44,982
4227	Petroleum & petroleum products	126,346	115,402	112,611	113,930	129,948	126,159	104,624	123,177	170,329
4228	Beer, wine, & distilled alcoholic beverages	37,956	38,633	40,039	39,862	42,445	44,317	46,580	50,368	52,898
4229	Miscellaneous nondurable goods	91,695	90,813	92,213	102,233	110,685	112,828	117,188	125,387	137,905
	Gross margins, total	NA	363,730	398,100	446,564	458,611	481,625	489,787	526,935	565,305
421	Durable goods	NA	212,086	236,302	266,610	272,970	288,770	295,797	316,048	336,643
4211	Motor vehicle & motor vehicle parts & supplies	NA	27,031	29,812	32,812	33,147	35,134	36,723	42,142	42,526
4212	Furniture & home furnishings	NA	8,768	8,999	10,382	10,891	11,383	11,502	12,377	14,007
4213	Lumber & other construction materials	NA	9,587	9,977	9,776	11,194	11,349	11,172	13,126	12,760
4214	Professional & commercial equip. & supplies	NA	40,521	40,336	46,171	51,938	55,824	54,515	61,450	62,161
42143	Computer & computer peripheral equip. & software	NA	NA	NA	NA	NA	NA	22,667	25,239	25,317
4215	Metals & minerals, ex. petroleum	NA	16,131	18,127	19,665	19,581	20,273	18,643	18,534	20,923
4216	Electrical goods	NA	28,335	34,909	42,707	39,501	40,564	42,658	49,002	56,628
4217	Hardware, & plumbing & heating equip. & supplies	NA	11,719	13,496	13,417	14,194	14,172	15,493	15,958	17,357
4218	Machinery, equipment, & supplies	NA	43,400	48,429	53,354	55,310	62,419	69,462	65,305	67,635
4219	Miscellaneous durable goods	NA	26,594	32,217	38,326	37,214	37,652	35,629	38,154	42,646
422	Nondurable goods	NA	151,644	161,798	179,954	185,641	192,855	193,990	210,887	228,662
4221	Paper & paper products	NA	12,696	13,280	14,835	14,083	15,054	15,217	16,518	18,196
4222	Drugs & druggists' sundries	NA	7,998	9,619	9,541	12,790	15,000	17,975	22,159	24,411
4223	Apparel, piece goods, & notions	NA	18,546	19,371	18,405	21,252	26,395	24,566	24,710	26,532
4224	Groceries & related products	NA	43,335	45,282	51,331	52,617	53,530	53,977	60,659	62,232
4225	Farm product raw materials	NA	10,263	10,903	16,176	12,456	10,648	8,256	7,725	8,874
4226	Chemicals & allied products	NA	9,661	9,988	12,045	13,085	13,701	13,832	14,080	14,776
4227	Petroleum & petroleum products	NA	11,934	13,505	12,473	13,992	12,816	11,180	13,350	17,018
4228	Beer, wine, & distilled alcoholic beverages	NA	12,317	12,084	12,754	13,819	14,363	15,539	17,358	18,620
4229	Miscellaneous nondurable goods	NA	24,894	27,766	32,394	31,547	31,348	33,448	34,328	38,003
	Gross margins/sales ratio, total	NA	20.10	20.59	21.12	20.48	20.63	20.58	20.74	20.54
421	Durable goods	NA	23.33	23.53	24.09	23.60	23.37	23.33	23.46	
4211	Motor vehicle & motor vehicle parts & supplies	NA	17.72	18.25	20.16	20.00	21.08	21.20	21.50	21.31
4212	Furniture & home furnishings	NA	29.36	28.76	29.92	29.81	29.19	28.45	29.01	30.14
4213	Lumber & other construction materials	NA	18.69	17.82	17.72	18.94	18.51	17.55	18.37	17.92
4214	Professional & commercial equip. & supplies	NA	26.11	24.38	23.33	23.58	23.54	21.46	22.33	21.99
42143	Computer & computer peripheral equip. & software	NA	NA	NA	NA	NA	NA	15.03	15.55	15.33
4215	Metals & minerals, ex. petroleum	NA	20.52	20.34	20.66	20.73	20.16	19.20	19.55	20.39
4216	Electrical goods	NA	24.02	24.71	25.43	23.03	22.25	22.85	23.56	23.79
4217	Hardware, & plumbing & heating equip. & supplies	NA	27.22	27.42	25.81	26.15	24.75	25.67	25.18	26.21
4218	Machinery, equipment, & supplies	NA	26.82	27.77	27.90	26.77	27.88	28.64	26.71	26.67
4219	Miscellaneous durable goods	NA	22.40	24.04	25.57	25.11	24.19	24.13	24.03	24.42
422	Nondurable goods	NA	16.83	17.41	17.85	17.14	17.36	17.41	17.78	17.37
4221	Paper & paper products	NA	25.28	23.96	22.45	21.72	22.64	21.76	22.07	22.72
4222	Drugs & druggists' sundries	NA	11.59	12.59	11.39	13.56	13.97	14.43	15.10	14.66
4223	Apparel, piece goods, & notions	NA	28.24	28.27	27.23	29.07	31.29	29.18	28.84	29.93
4224	Groceries & related products	NA	15.27	15.62	16.61	16.56	16.21	15.67	16.83	16.24
4225	Farm product raw materials	NA	10.47	11.00	13.53	9.06	8.50	7.64	7.60	8.34
4226	Chemicals & allied products	NA	24.22	23.07	23.96	24.42	24.45	25.12	25.53	24.71
4227	Petroleum & petroleum products	NA	9.34	10.77	9.86	9.75	9.19	9.61	9.80	9.12
4228	Beer, wine, & distilled alcoholic beverages	NA	24.24	23.23	24.30	24.70	24.63	25.14	25.76	26.17
4229	Miscellaneous nondurable goods	NA	21.49	23.25	24.42	22.14	21.90	22.35	21.67	21.81

(NA) Not available.

Note: For NAICS Code 4225, estimates have not been adjusted using results of the most recent economic census. Estimates have not been adjusted for price changes. Table 4 provides estimated measures of sampling variability. The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/whitable.html.

Table 3. Estimated Coefficients of Variation of Monthly Sales and End-of-Month Inventories

[Estimates are shown as percents. Estimates are based on data from the Monthly Wholesale Trade Survey and administrative records]

NAICS Code	Kind of business	Sales		Inventories	
		Range	Median	Range	Median
	Merchant wholesalers, total.....	1.2-1.6	1.4	1.6-1.8	1.7
421	Durable goods	1.6-2.2	2.0	1.8-2.0	1.9
4211	Motor vehicle and motor vehicle parts and supplies	3.1-5.8	4.1	4.5-5.1	4.8
4212	Furniture and home furnishings	3.6-4.9	4.2	5.9-7.7	6.5
4213	Lumber and other construction materials	3.5-5.1	3.9	5.8-6.9	6.0
4214	Professional and commercial equipment and supplies	3.8-5.2	4.8	4.2-5.5	4.8
42143	Computer and computer peripheral equipment and software.....	6.0-9.2	7.6	5.2-6.8	6.5
4215	Metals and minerals, ex. petroleum.....	7.3-8.7	8.1	8.4-9.0	8.8
4216	Electrical Goods	3.7-4.8	4.3	4.3-4.9	4.5
4217	Hardware, plumbing and heating equipment and supplies.....	6.2-9.0	7.7	9.4-10.7	10.1
4218	Machinery, equipment, and supplies	3.3-4.5	4.0	3.2-3.7	3.5
4219	Miscellaneous durable goods	4.4-7.7	5.1	7.1-8.6	7.7
422	Nondurable goods	1.6-2.0	1.7	2.6-3.0	2.8
4221	Paper and paper products.....	4.6-5.3	4.9	3.4-4.0	3.6
4222	Drugs and druggists' sundries	4.0-5.8	4.4	5.4-6.3	5.7
4223	Apparel, piece goods, and notions	4.1-6.1	4.9	4.5-5.7	5.1
4224	Groceries and related products	2.0-3.1	2.6	4.8-6.5	5.4
4225	Farm product raw materials	4.5-6.2	5.4	10.3-14.2	11.7
4226	Chemicals and allied products	4.4-5.7	5.0	6.6-7.2	6.9
4227	Petroleum and petroleum products	5.3-5.9	5.7	6.4-8.7	6.9
4228	Beer, wine, and distilled alcoholic beverages	3.1-4.3	3.7	3.8-4.9	4.1
4229	Miscellaneous nondurable goods.....	6.4-8.6	7.7	7.2-8.3	7.9

Note: The estimated coefficients of variation are based on estimates unadjusted for seasonal variation or trading-day differences. The ranges and medians were computed using final monthly estimates for January 2001 through December 2001. The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/whtable.html.

Table 4. Estimated Coefficients of Variation of Annual Sales, End-of-Year Inventories, Purchases, Gross Margins, and Gross Margins/Sales Ratios

[Estimates are shown as percents. Estimates are based on data from the 2000 Annual Trade Survey and administrative records]

NAICS Code	Kind of business	Sales	Inventories	Purchases	Gross margins	Gross margins/ sales ratios
	Merchant wholesalers, total	0.8	1.1	0.8	1.1	0.8
421	Durable goods	1.2	1.5	1.2	1.5	0.9
4211	Motor vehicle and motor vehicle parts and supplies	2.7	2.8	3.1	2.3	2.1
4212	Furniture and home furnishings	2.2	4.1	2.0	3.3	1.5
4213	Lumber and other construction materials	3.4	4.0	3.5	4.0	2.9
4214	Professional and commercial equipment and supplies	4.0	4.5	3.8	5.8	2.9
42143	Computer and computer peripheral equipment and software.....	6.4	6.1	6.1	10.2	4.6
4215	Metals and minerals, ex. petroleum.....	3.2	4.7	3.5	4.7	4.0
4216	Electrical goods	2.2	2.6	2.4	3.2	2.2
4217	Hardware, plumbing and heating equipment and supplies	1.5	3.8	1.8	2.4	1.8
4218	Machinery, equipment, and supplies	2.7	3.6	2.9	3.2	1.4
4219	Miscellaneous durable goods	3.1	4.2	3.2	4.3	2.8
422	Nondurable goods.....	1.1	1.4	1.1	1.7	1.2
4221	Paper and paper products	2.5	3.7	2.8	2.5	1.9
4222	Drugs and druggists' sundries	2.4	3.3	2.3	3.9	5.2
4223	Apparel, piece goods, and notions	3.9	3.7	4.3	4.2	2.2
4224	Groceries and related products	1.6	2.7	1.5	4.2	3.3
4225	Farm product raw materials	3.5	8.8	3.4	7.6	6.0
4226	Chemicals and allied products	3.5	4.2	3.4	5.4	3.4
4227	Petroleum and petroleum products	2.5	3.7	2.5	4.2	3.7
4228	Beer, wine, and distilled alcoholic beverages	1.9	2.4	1.6	3.2	1.6
4229	Miscellaneous nondurable goods	4.5	5.9	4.7	4.8	3.5

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/whtable.html.

Appendix A.

Explanatory Material

SAMPLE DESIGN AND ESTIMATION PROCEDURES

New samples were introduced with the 1999 Annual Wholesale Trade Survey (AWTS) and with the March 2001 Monthly Wholesale Trade Survey (MWTS). The new samples were designed to produce estimates based on the North American Industry Classification System (NAICS) and replace samples designed to produce estimates based on the Standard Industrial Classification (SIC) system. This section describes the design, selection, and estimation procedures for the new samples. For descriptions of the prior samples see the *Annual Benchmark Report for Wholesale Trade for January 1990 to February 2000* or prior benchmark reports.

Sampling Frame

The same sampling frame was used for the Monthly Wholesale Trade Survey (MWTS) and the Annual Wholesale Trade Survey (AWTS). The sampling frame has two types of sampling units represented — Employer Identification Numbers (EINs) and large, multiple-establishment firms. Both sampling units represent clusters of one or more establishments owned or controlled by the same firm. The information used to create these sampling units was extracted from data collected as part of the 1997 Economic Census and from establishment records contained on the Census Bureau's Business Register as updated to June 1999. The next few paragraphs give details about the Business Register; the distinction between firms, EINs, and establishments; and the construction of the sampling units. Though important, they are not essential to understanding the basic sample design and readers may continue to the **Stratification, Sampling Rates, and Allocation** section.

The Business Register is a multi-relational database that contains a record for each known establishment that is located in the United States or one of its territories and has employees. An *establishment* is a single physical location where business transactions take place and for which payroll and employment records are kept. Groups of one or more establishments under common ownership or control are firms. A *single-unit* firm owns or operates only one establishment. A *multiunit* firm owns or operates two or more establishments. The treatment of establishments on the Business Register differs according to whether the establishment is part of a *single-unit* or *multiunit* firm. In particular, the structure of an establishment's primary

identifier on the Business Register differs depending on whether it is owned by a *single-unit* firm or by a *multiunit* firm.

A *single-unit* firm's primary identifier is its Employer Identification Number (EIN). The Internal Revenue Service (IRS) issues the EIN and the firm uses it as an identifier to report social security payments for its employees under the Federal Insurance Contributions Act (FICA). The same act requires all employer firms to use EINs. Each employer firm is associated with at least one EIN and only one firm can use a given EIN. Because a *single-unit* firm has only one establishment, there is a one-to-one relationship between the firm and the EIN. Thus the firm, the EIN, and the establishment all reference the same physical location and all three terms can be used interchangeably and unambiguously when referring to a *single-unit* firm.

For *multiunit* firms however, a different structure connects the firm with its establishments via the EIN. Essentially a *multiunit* firm is associated with a cluster of one or more EINs and EINs are associated with one or more establishments. A *multiunit* firm consists of at least two establishments. Each firm is associated with at least one EIN and only one firm can use a given EIN. However, one *multiunit* firm may have several EINs. Similarly, there is a one-to-many relationship between EINs and establishments. Each EIN can be associated with many establishments but each establishment is associated with only one EIN. Because of the possibility of one-to-many relationships, we must distinguish between the firm, its EINs, and its establishments. The *multiunit* firm that owns or controls a particular establishment is identified on the Business Register by way of the establishment's primary identifier.

The primary identifier of an establishment owned by a *multiunit* firm consists of a unique combination of an alpha number and a plant number. The alpha number identifies the *multiunit* firm, and the plant number identifies a particular establishment within that firm. All establishments owned or controlled by the same *multiunit* firm have the same alpha number. Different *multiunit* firms have different alpha numbers, and different establishments within the same *multiunit* firm have different plant numbers. The Census Bureau assigns both the alpha number to the *multiunit* firm and plant numbers to the corresponding establishments based on the results of the *quinquennial* economic census and the annual Company Organization Survey.

To create the sampling frame, we extract the records for all establishments classified as merchants within the Wholesale Trade sector as defined by the 1997 North American Industry Classification System. For these establishments, we extract sales, payroll, employment, inventory, name and address information, as well as primary identifiers and, for establishments owned by *multiunit* firms, associated EINs. To create the sampling units for *multiunit* firms, we aggregate the economic data of the establishments owned by these firms to an EIN level by tabulating the establishment data for all extracted establishment records (i.e., establishments classified in the Wholesale Trade sector) associated with the same EIN. Similarly we aggregate the data to a *multiunit* firm level by tabulating the establishment data for all extracted establishment records associated with the same alpha number. No aggregation is necessary to put *single-unit* establishment information on an EIN basis or a firm basis. Thus, the sampling units created for *single-unit* firms simultaneously represent establishment, EIN, and firm information. In summary, the sampling frame is a complex amalgam of establishments, EINs, and firms.

Stratification, Sampling Rates, and Allocation

The primary stratification of the frame is by kind-of-business group based on the detail required for this publication. We further stratify the sampling units within kind-of-business group (substratify) by a measure of size related to their annual sales. Sampling units expected to have a large effect on the precision of the estimates are selected “with certainty.” This means they have a 100% chance of selection and will represent only themselves (i.e., have a selection probability of one and a sampling weight of one). Within each kind-of-business stratum we determined a substratum boundary that divides the certainty units from the noncertainty units. We based these cutoffs on a statistical analysis of data from the 1997 Economic Census. Accordingly, these values are on a 1997 sales basis. We also used this analysis to identify companies with large 1997 inventory as certainty units, to determine the number of size substrata for each kind-of-business stratum, and to set preliminary sampling rates needed to achieve specified sampling variability objectives on sales (or inventory) estimates for different kind-of-business groups. The size substrata and sampling rates were later updated through an analysis of the sampling frame.

Sample Selection

The first step in the sample selection identified certainty firms. If a firm was selected with certainty and had more than one establishment at the time of sampling, any new establishments that the firm acquires, even if under new or different EINs, are included in the sample with certainty. However, if a single-unit firm was selected with certainty, only future establishments associated with that firm’s

originally-selected EIN are included in the sample with certainty; any new EINs that might later be associated with that firm are subjected to sampling through the quarterly birth-selection procedure (see **Sample Maintenance**).

All firms not selected with certainty were subjected to sampling on an EIN basis. If a firm had more than one EIN, we treated each of its EINs as a separate sampling unit. To be eligible for the initial sampling, an EIN used by a single-unit firm had to have nonzero payroll in 1998. EINs used by multiunit firms were required to have nonzero payroll in 1997. The EINs were stratified according to their major kind of business and their estimated annual sales (on a 1997 basis). Within each noncertainty stratum, a simple random sample of EINs was selected. We then assigned the selected noncertainty EINs to one of two groups. One group is canvassed for both the monthly and annual surveys, the other only for the annual survey. The maximum sampling weight for an EIN selected for the monthly survey was 800. The maximum sampling weight for an EIN selected for the annual survey was 400.

Sample Maintenance

Periodically, we update the samples to represent EINs issued since the initial sample selection. These new EINs, called births, are EINs recently assigned by the IRS, on the latest available IRS mailing list for FICA taxpayers, and assigned a kind-of-business classification (if possible) by the Social Security Administration (SSA).

EIN births are sampled on a quarterly basis using a two-phase selection procedure. To be eligible for selection, a birth must either have no kind-of-business classification or be classified in a kind of business within the scope of AWTS, the Annual Retail Trade Survey (ARTS), or the Service Annual Survey (SAS), and it must meet certain criteria regarding its number of paid employees or quarterly payroll. In the first phase, births are stratified by kind of business and a measure of size based on expected employment or quarterly payroll. A relatively large sample is drawn and canvassed to obtain a more reliable measure of size, consisting of sales in two recent months, and a new or more detailed kind-of-business classification.

Using this more reliable information, the selected births from the first phase are subjected to probability proportional-to-size sampling with overall probabilities equivalent to those used in drawing the initial AWTS, ARTS, and SAS samples from the June 1999 Business Register. Because of the time it takes for a new employer firm to acquire an EIN from the IRS, and because of the time needed to accomplish the two-phase birth-selection procedure, births are added to the samples approximately nine months after they begin operation.

The processing of the EIN births differs between the monthly (MWTS) and annual (AWTS) surveys. For the MWTS, EIN births selected in a quarter are added into the

survey during the next quarter. Because births are not represented in the monthly sample until they go through the two-phase selection procedure, an interim procedure is used to account for births during the period between the onset of activity and the time of birth selection. This consists of imputing data for all EINs selected in the monthly sample that go out of business but are still on the IRS mailing list.

For the AWTS, EIN births that are selected in the quarterly birth-selection procedure in November of the annual survey year are included in the initial mailing of the AWTS questionnaires in February of the following year. To better represent all EIN births in the annual survey year, and specifically to account for the time it takes to identify and select new EINs, we add births to the annual sample that are selected in February, May, and August of the year following the annual survey year. We mail survey forms to these births around June and August to supplement the initial annual survey mailing.

To be eligible for the sample canvass and tabulation, an EIN selected in the noncertainty sampling operations must meet both of the following requirements:

- It must be on the latest available IRS mailing list for FICA taxpayers from the previous quarter.
- It must have been selected from the Business Register in either the initial sampling or during the quarterly birth-selection procedure.

EINs selected into the samples with certainty are not dropped from canvass and tabulation if they are no longer on the IRS mailing list. Rather, the firm that used the EIN is contacted, and if a successor EIN is found, it is added to the survey.

Monthly Estimation Procedures

The estimates of monthly sales and end-of-month inventories published in this report are derived from data collected in the Monthly Wholesale Trade Survey (MWTS). Each month, all firms selected with certainty (sampling weight equal to 1) and one of the two groups of noncertainty (sampling weight greater than 1) EINs are asked to report their sales and inventory data for the month just ending. (As noted in the **Sample Selection** section, noncertainty EINs are assigned to one of two groups. One group is canvassed for the monthly and annual survey while the other group is canvassed only for the annual survey.) Estimates of monthly sales and end-of-month inventories are computed as the sum of weighted data (reported and imputed) for all selected sampling units that meet the tabulation criteria given in the **Sample Maintenance** section. The weight for a given sampling unit is the reciprocal of its probability of selection into the MWTS sample. The monthly estimates are benchmarked using the corresponding annual survey estimates and economic

census results. See the **Computation of Benchmarked Estimates** section located at the beginning of this report for a description of the benchmarking procedures.

Estimation Procedures for Annual Totals

Published estimates of annual sales, end-of-year inventories, and purchases for 2000 were computed by multiplying the revised 1999 annual estimates by the corresponding 1999-to-2000 changes estimated from the 1999 and 2000 Annual Wholesale Trade Surveys. Estimates used to compute the change from 1999 to 2000 are derived from the NAICS-based sample. These estimates are computed as the sum of weighted data (reported or imputed) for all selected units that meet tabulation criteria given in the **Sample Maintenance** section. The weight for a given sampling unit is the reciprocal of its probability of selection into the AWTS sample. All firms selected with certainty and both groups of noncertainty EINs are asked to report data for the reference year. (Two years of data are requested in the year in which a new sample is introduced.) Because both groups of noncertainty EINs are canvassed for the annual survey, the annual estimates have less sampling variability than the corresponding monthly estimates. The annual estimates presented in this report have been adjusted using results of the most recent economic census.

The estimates of total end-of-year inventory published in this report are on a non-LIFO basis. For those firms that reported inventory on a LIFO (last-in, first-out) basis, the LIFO reserve amount is **added** to the LIFO value to get inventory on a non-LIFO basis. In the annual survey, sampling units that used a LIFO cost basis for all or part of their inventory were asked to report LIFO reserves.

The estimates of gross margin represent sales minus the cost of goods sold (see **Definition of Terms** section) and are computed as a function of weighted sales, inventories, and purchases data from the AWTS.

RELIABILITY OF THE ESTIMATES

The total error of an estimate based on a sample survey is the difference between the estimate and the true population value that it estimates. This error may be considered to be comprised of sampling error and nonsampling error. Sampling error is the difference between the estimate and the result that would be obtained from a complete census conducted under the same survey conditions. This error occurs because characteristics differ among sampling units and because only a subset of the entire population is measured in a sample survey. Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate. The accuracy of a survey result may be affected by these two types of errors.

Sampling and nonsampling errors are often measured by the quantities, bias and variance. The bias of an estimator of an unknown population value is the difference, averaged over all possible samples of the same size and

design, between the estimator and the unknown population value. Any systematic error, or inaccuracy that affects all samples of a specified design in a similar way, may bias the resulting estimates. The variance of an estimator is the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value.

Descriptions of sampling and nonsampling errors for the Monthly Wholesale Trade Survey (MWTS) and the Annual Wholesale Trade Survey (AWTS) are provided in the following sections.

Sampling Error

Because the estimates are based on a sample, exact agreement with results that would be obtained from a complete enumeration of merchant wholesale firms represented on the sampling frame using the same enumeration procedures is not expected. However, because each firm represented on the sampling frame has a known probability of being selected into the sample, it is possible to estimate the sampling variability of the survey estimates.

The particular sample used in this survey is one of a large number of samples of the same size that could have been selected using the same design. If all possible samples had been surveyed under the same conditions, an estimate of an unknown population value could have been obtained from each sample. These samples give rise to a distribution of estimates for the unknown population value. A statistical measure of the variability among these estimates is the standard error, which can be approximated from any one sample. The *standard error* is defined as the square root of the variance. The *coefficient of variation* (or relative standard error) of an estimator is the standard error of the estimator divided by the estimator. Note that measures of sampling variability, such as the standard error and coefficient of variation, are estimated from the sample and are also subject to sampling variability. (Technically, we should refer to the *estimated* standard error or the *estimated* coefficient of variation of an estimator. However, for the sake of brevity, we have omitted this detail.) It is important to note that the standard error and coefficient of variation only measure sampling variability. They do not measure any systematic biases in the estimates. Table 3 provides the minimum, maximum, and median coefficients of variation for estimates of monthly sales and end-of-month inventories for each kind of business. The ranges and medians shown in Table 3 are based on *final* MWTS estimates for January 2001 through December 2001. Coefficients of variation for estimates of annual sales, end-of-year inventories, purchases, gross margins, and gross margins-to-sales ratios for each kind of business are provided in Table 4. These coefficients of variation are based on 2000 AWTS data, adjusted to results of the 1997 Economic Census. (All coefficients of variation are expressed as percents.) The Census Bureau recommends that individuals using estimates contained in this

report incorporate this information into their analyses, as sampling error could affect the conclusions drawn from these estimates.

The estimate from a particular sample and the standard error associated with the estimate can be used to construct a confidence interval. A *confidence interval* is a range about a given estimator that has a specified probability of containing the result of a complete enumeration. Associated with each interval is a percentage of confidence, which is interpreted as follows: If, for each possible sample, an estimate of an unknown population value and its approximate standard error were obtained, then:

1. For approximately 90 percent of the possible samples, the interval from 1.65 standard errors below to 1.65 standard errors above the estimate would include the result of a complete enumeration.
2. For approximately 95 percent of the possible samples, the interval from two standard errors below to two standard errors above the estimate would include the result of a complete enumeration.

To illustrate the computation of a confidence interval for an estimate of total sales, assume that an estimate of total sales is \$10,750 million and the coefficient of variation for this estimate is 1.8 percent, or 0.018. First obtain the standard error of the estimate by multiplying the total sales estimate by its coefficient of variation. For this example, multiply \$10,750 million by 0.018. This yields a standard error of \$193.5 million. The upper and lower bounds of the 90-percent confidence interval are computed as \$10,750 million plus or minus 1.65 times \$193.5 million. Consequently, the 90-percent confidence interval is \$10,431 million to \$11,069 million. If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 9 out of 10 (90 percent) of these intervals would contain the result obtained from a complete enumeration.

Nonsampling Errors

Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate and may also occur in censuses. It is often helpful to think of nonsampling error as arising from deficiencies or mistakes in the survey process. In the MWTS and the AWTS, nonsampling error can be attributed to many sources: inability to obtain information about all units in the sample; response errors; differences in the interpretation of the questions; mistakes in coding or keying the data obtained; and other errors of collection, response, coverage, and processing. Additional nonsampling error may have been introduced by the method used to adjust the survey estimates using results of the 1997 Economic Census. Although no direct measurement of the potential biases

due to nonsampling error has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence. The Census Bureau recommends that individuals using estimates in this report incorporate this information into their analyses, as nonsampling error could affect the conclusions drawn from these estimates.

A potential source of bias in the estimates is nonresponse. Nonresponse is defined as the inability to obtain all the intended measurements or responses about all selected units. Two types of nonresponse are often distinguished. *Unit nonresponse* is used to describe the inability to obtain any of the substantive measurements about a sampled unit. In most cases of unit nonresponse, the questionnaire was never returned to the Census Bureau, after several attempts to elicit a response. *Item nonresponse* occurs either when a question is unanswered or the response to the question fails computer or analyst edits.

For both unit and item nonresponse, a missing value is replaced by a predicted value obtained from an appropriate model for nonresponse. This procedure is called *imputation* and uses survey data and administrative records as input. In any given month, imputed data amounts to about 30 percent of the total monthly wholesale sales estimate and about 32 percent of the total wholesale end-of-month inventory estimate. For the annual survey, imputed data amounts to about 9 percent of the total wholesale sales estimate, about 17 percent of the total wholesale end-of-year inventory estimate, and nearly 15 percent of the total purchases estimate.

ADJUSTMENT FOR SEASONAL AND TRADING-DAY VARIATION

We use the X-12 ARIMA Program to derive the factors for adjusting data for seasonal variations and, in the case of sales, for trading day differences. Seasonal adjustment of estimates is an approximation based on current and past experiences. Therefore, the adjustment could become less precise because of changes in economic conditions and other elements that introduce significant changes in seasonal and trading-day patterns.

Concurrent seasonal adjustment uses all available unadjusted estimates (including the latest *preliminary* estimates) as input to the X-12 ARIMA program. When unadjusted *preliminary* and final estimates become available, all estimates are used as input to the X-12 ARIMA program and new factors are applied to the *preliminary* and final estimates (1 month before the *preliminary*) and to the previous year estimates that correspond to the *preliminary* month.

SCOPE OF SURVEY

Wholesale trade, as defined by sector 42 of the 1997 North American Industry Classification System manual, as covered in the 1997 Census of Wholesale Trade and 1999

Annual Wholesale Trade Survey (AWTS), includes establishments organized to sell or arrange the purchase or sale of a) goods to other wholesalers or retailers, b) capital or durable non-consumer goods, and c) raw and intermediate materials and supplies used in production.

- Wholesalers sell merchandise to other businesses and normally operate from a warehouse or office with a design and location that is not intended to solicit walk in traffic and with little or no display of merchandise.
- Customers are generally reached initially via telephone, in-person marketing, or by specialized advertising.
- Follow-up orders are either vendor-initiated or client-initiated generally based on previous sales, and typically exhibit strong ties between sellers and buyers.

The two principal types of establishments included in wholesale trade area are:

- a. Merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, drop shippers, import/export merchants and sales branches.
- b. Agents, merchandise or commodity brokers, commission merchants, import/export agents and brokers, auction companies, and manufacturers representatives.

Kind-of-Business Classifications

The durable goods group includes establishments primarily engaged in the distribution of goods classified in NAICS subsector 421. This group includes all establishments classified in the following categories:

NAICS	Kind of Business
4211	Motor Vehicles and Motor Vehicle Parts and Supplies
4212	Furniture and Home Furnishings
4213	Lumber and Other Construction Materials
4214	Professional and Commercial Equipment and Supplies
42143	Computer and Computer Peripheral Equipment and Software
4215	Metals and Minerals, except Petroleum
4216	Electrical Goods
4217	Hardware, and Plumbing and Heating Equipment and Supplies
4218	Machinery, Equipment, and Supplies
4219	Miscellaneous Durable Goods

For NAICS 4215, the estimated inventories include merchant wholesalers' inventories, as well as those of sales branches of ferrous metals service centers. The nondurable goods group includes establishments primarily engaged in the distribution of goods classified in NAICS subsector 422. This group includes all establishments classified in the following categories:

NAICS Kind of Business

4221	Paper and Paper Products
4222	Drugs and Druggists' Sundries
4223	Apparel, Piece Goods, and Notions
4224	Groceries and Related Products
4225	Farm Products Raw Materials
4226	Chemicals and Allied Products
4227	Petroleum and Petroleum Products
4228	Beer, Wine, and Distilled Alcoholic Beverages
4229	Miscellaneous Nondurable Goods

DEFINITION OF TERMS**Sales.** Sales include:

1. Merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in merchant wholesale trade;
2. Receipts from customers for rental or leasing of equipment, instruments, tools, etc.;
3. Receipts for delivery, installation, alteration, maintenance, repair, storage, and other services; and
4. Gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer and passed along to the wholesaler.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Sales that are made on an agency basis for others are included as gross sales. Direct shipments on orders from wholesalers are also included in sales. Total sales do not include non-operating income from such sources as investments, rental or sale of real estate, etc.

Sales exclude sales taxes and excise taxes collected directly from customers and paid directly to a local, state, or Federal tax agency. Also excluded are receipts from customers for carrying or other credit charges.

Inventories. Inventories represent stocks on a non-LIFO basis (firms that valued inventory on a LIFO basis included the values of LIFO reserve in the total inventory levels) of merchandise owned by merchant wholesalers at the end of the month, regardless of location, except for goods held outside the United States. Goods held on consignment and items not held for sale such as fixtures, equipment, and supplies are not included. Goods held in foreign trade zones in the United States are also included. Methods of valuation may vary according to the accounting practices of the firm.

Inventories/Sales Ratios. The inventories/sales ratios are derived by dividing the dollar value of inventories by the dollar value of sales. No adjustment is made in these ratios for the markup in sales that may vary from trade to trade.

Purchases. Purchases represent the total cost of merchandise acquired for resale during the year, whether or not payment for the merchandise was made during the year. Purchases are net of returns, allowances, and trade and cash discounts, but include payments by the wholesaler for freight, insurance, import duties, and credit and other charges. Purchases exclude the cost of containers, wrapping, packaging, and selling supplies. Also excluded are liquor and tobacco tax stamps.

Cost of Goods Sold. Cost of goods sold are not shown in this report but can be derived by subtracting gross margin data from annual sales data. They represent the total cost of merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in merchant wholesale trade. Cost of goods sold is calculated by adding all purchases of merchandise (net of returns, allowances, and discounts, but including charges for freight, insurance, etc.) during the year to the beginning year inventories, then deducting the end-of-year inventories from the total. Firms were instructed to exclude the cost of containers, wrapping, packaging, and selling supplies in the cost of purchases. Purchase of tax stamps and payments of excise taxes often included by tobacco and liquor wholesalers in their purchases were excluded from cost of goods sold.

Gross Margins. Gross margins represents sales less cost of goods sold. Gross margins is equivalent to the cost of all materials (as distinguished from goods to be resold) and services provided in merchant wholesale establishments, whether provided by the merchant wholesaling firm itself or purchased by it from others. To the extent that it includes cost of contract work done by others on materials of the merchant wholesale firms, gross margin includes an element of value added by manufacturing.

CLASSIFICATION DIFFERENCES BETWEEN THE MONTHLY SURVEY AND THE 1997 CENSUS OF WHOLESALE TRADE

Establishments in the census that are classified in the Farm Product Raw Materials group (NAICS code 4215) include, in their sales, products purchased and transferred to other company establishments. In the monthly survey, intercompany transfers are not included in sales. Because of these differences, we use estimates from the Annual Wholesale Trade Survey (AWTS).

Inventories were not benchmarked to the census inventory levels, because the census of wholesale trade does not include inventories of auxiliary and central administrative offices of merchant wholesale establishments. These offices, however, are included in the monthly and annual survey inventory estimates.